

INDEPENDENT MONITOR SEMI-ANNUAL REPORT

JUNE 1, 2010 THROUGH NOVEMBER 15, 2010

**SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA**

PREPARED FOR:

**CITY OF LOS ANGELES
DEPARTMENT OF CITY PLANNING**

PREPARED BY:



NOVEMBER 2010

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ACRONYMS AND ABBREVIATIONS

ALC	ancient landslide complex
Agreement	Consulting Agreement for Independent Monitoring of the Conditions of Approval and Environmental Mitigation Measures
BFI	Browning-Ferris Industries, Inc.
CAC	Community Advisory Committee
CEQA	California Environmental Quality Act
CS	Condition Satisfied
CSS	Coastal Sage Scrub
DCP	City of Los Angeles Department of City Planning
DPW	Department of Public Works
LCTF	Leachate Collection and Treatment Facility
LEA	Local Enforcement Agency
LFG	Landfill Gas
Mitigation Plan	Final Mitigation Plant
MRMP	Mitigation Reporting and Monitoring Program
NA	No Action
NC	Non-Compliance
Operations Plan	Independent Monitoring Activities Operations Plan
ppm	parts per million
ppmv	parts per million by volume
Q	Qualified Conditions
RWQCB	Regional Water Quality Control Board
Report	Semi-Annual Report
SCAQMD	South Coast Air Quality Management District
Site	Sunshine Canyon Landfill
T	Tentative Conditions
TE	Threshold Exceedance
TOCs	total organic compounds
UFD	Urban Forestry Division
USACOE	U.S. Army Corps of Engineers

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EXECUTIVE SUMMARY

This Semi-Annual Report (Report) has been prepared by C2 REM for the City of Los Angeles Department of City Planning (DCP) to outline independent monitoring activities conducted from June 1, 2010 through November 15, 2010 as they relate to the City's Conditions of Approval and Mitigation Measures per Ordinance No. 172, 933 for the Sunshine Canyon Landfill (Site), operated by Browning-Ferris Industries, Inc. (BFI) located in Sylmar, California.

During this monitoring period, C2 REM performed activities to verify that Pre-Operations and Operations activities, conducted by BFI, were in compliance with the [Q] Qualified Conditions and the Mitigation Reporting and Monitoring Program (MRMP), (collectively - Conditions of Approval).

During this monitoring period, 203 MRMP and Q Conditions of Approval were tracked and verified by C2 REM through record review, communications with BFI and enforcement agencies, and/or field verification. Activities conducted by BFI and verified by C2 REM during this period include:

- Continued operations of Cell A Part 1, Cell A Part 2, and Cell CC-1;
- Conducted maintenance and monitoring of Site control systems (i.e., leachate/condensate, landfill gas, groundwater and surface water);
- Implementation of revegetation activities in accordance with approved plans and Conditions of Approval;
- Fueling of light duty vehicles with E-85 in accordance with Condition of Approval Q-C.10.d. (1);
- Implementation of activities to facilitate the Sunshine Canyon Landfill Gas to Energy Project as it relates to a beneficial use landfill gas (LFG) project (construction and operation of turbine power plant) in accordance with Condition of Approval Q-C.10.c.;
- Implementation of erosion control and surface/storm water control measures;
- Assessment and implementation of measures to mitigate odor impacts from the landfill;
- Continued maintenance and monitoring of biological mitigation areas including: Coastal Sage Scrub Mitigation Area, Oak Tree Mitigation Area, and PM-10 Tree Mitigation Area;
- Implementation of litter control measures including off-site litter clean-up crews in accordance with Condition of Approval MRMP-109 and Q-C.6.;
- Conducted excavation and grading activities within the existing approved limits of grading and in accordance with approved plans and Conditions of Approval;
- Implementation of activities required to relocate the Leachate Collection and Treatment Facility (LCTF) pursuant to the Joint Technical Document for the Sunshine Canyon City/County Landfill;
- Continued to maintain Hotline/Emergency Log in accordance with Condition of Approval Q-C.2.b.;
- Conducted removal of ancient landslide complex (ALC) deposits along the southeastern slope below the LCTF in accordance with applicable Site documents and Condition of Approval MRMP-8;
- Conducted archeological and paleontological monitoring and surveying in accordance with MRMP-183 through 191; and,

- Continued activities to facilitate the implementation of the Chatsworth Wetland Mitigation Project including activities required to satisfy California Environmental Quality Act (CEQA) requirements and actions to finalize a Chatsworth Mitigation Agreement between BFI and several departments of the City of Los Angeles.

C2 REM staff, through field verification and/or record review, noted and reported 3 instances of a Threshold Exceedance for MRMP-34.a. (Perimeter Probe Monitoring) and 2 instances of a Threshold Exceedance for MRMP-34.d. (Instantaneous Surface Monitoring). Additionally, C2 REM noted and reported 1 instance of Non-Compliance to the DCP for Q-C.10.d. (1) (Light Duty Alternative Fuel Requirements).

The following activities are anticipated to take place during the next monitoring period beginning on November 16, 2010:

- 1) Operation activities will continue for Cell A Part 1, Cell A Part 2, and Cell CC-1 (see Figure 2.0);
- 2) Activities necessary to facilitate implementation of the Chatsworth wetland mitigation project shall continue in accordance with Condition of Approval Q-C.9 and applicable permits;
- 3) Implementation of activities required to satisfy CEQA requirements as it relates to a beneficial use landfill gas project in accordance with Condition of Approval Q-C.10.c.;
- 4) Maintenance and monitoring of Coastal Sage Scrub Mitigation Areas, PM-10 Tree Buffer, and Oak Tree Mitigation Areas along with the submittal of Annual Monitoring Report;
- 5) Continued testing and implementation of mitigation measure to control odor impacts from the facility;
- 6) Excavation and construction of Cell CC-2 will commence following Regional Water Quality Control Board (RWQCB) approval of BFI's design plans; and,
- 7) Implementation of activities required to relocate the LCTF pursuant to the Joint Technical Document for Sunshine Canyon City/County Landfill.

1.0 INTRODUCTION

This Semi-Annual Report (Report) has been prepared by C2 REM for the City of Los Angeles Department of City Planning (DCP) to outline independent monitoring activities conducted from June 1, 2010 through November 15, 2010 as they relate to the City's Conditions of Approval and Mitigation Measures per Ordinance No. 172, 933 for the Sunshine Canyon Landfill (Site), operated by Browning-Ferris Industries, Inc. (BFI) located in Sylmar, California (see Figure 1.0). The independent monitoring activities were conducted pursuant to the *Consulting Agreement for Independent Monitoring of the Conditions of Approval and Environmental Mitigation Measures* (Agreement) as well as, the *Independent Monitoring Activities Operations Plan* (Operations Plan), prepared by C2 REM dated November 19, 2004.

During this monitoring period, C2 REM performed activities to verify that Pre-Operations and Operations activities conducted by BFI were in compliance with the (Q) Qualified Conditions and the Mitigation Reporting and Monitoring Program (MRMP), (collectively - Conditions of Approval). The (T) Tentative Conditions were verified and have been satisfied during previous semi-annual monitoring periods and require no further action.

The Conditions of Approval being monitored during this period fall under the following categories: Earth Resources, Air Quality, Surface Water and Groundwater, Biological Resources, Cultural/Scientific Resources, Public Service, Litter/Odor/Vector/Dust Control, and Aesthetics.

Activities conducted by BFI and verified by C2 REM during this period include:

- Continued operations of Cell A Part 1, Cell A Part 2, and Cell CC-1 (see Figure 2.0);
- Conducted maintenance and monitoring of Site control systems (i.e., leachate and condensate, landfill gas, groundwater and surface water);
- Implementation of revegetation activities in accordance with approved plans and Conditions of Approval;
- Fueling of light duty vehicles with E-85 in accordance with Condition of Approval Q-C.10.d. (1);
- Implementation of activities to facilitate the Sunshine Canyon Landfill Gas to Energy Project as it relates to a beneficial use landfill gas (LFG) project (construction and operation of turbine power plant) in accordance with Condition of Approval Q-C.10.c.;
- Implementation of erosion control and surface/storm water control measures;
- Assessment and implementation of measures to mitigate odor impacts from the landfill;
- Continued maintenance and monitoring of biological mitigation areas including: Coastal Sage Scrub Mitigation Area, Oak Tree Mitigation Area, and PM-10 Tree Mitigation Area (see Figure 3.0);
- Implementation of litter control measures including off-site litter clean-up crews in accordance with Condition of Approval MRMP-109 and Q-C.6.;
- Conducted excavation and grading activities within the existing approved limits of grading and in accordance with approved plans and Conditions of Approval;

- Implementation of activities required to relocate the Leachate Collection and Treatment Facility (LCTF) pursuant to the Joint Technical Document for the Sunshine Canyon City/County Landfill;
- Continued to maintain Hotline/Emergency Log in accordance with Condition of Approval Q-C.2.b.;
- Conducted removal of ancient landslide complex (ALC) deposits along the southeastern slope below the LCTF in accordance with applicable Site documents and Condition of Approval MRMP-8 (see Figure 4.0);
- Conducted archeological and paleontological monitoring and surveying in accordance with MRMP-183 through 191; and,
- Continued activities to facilitate the implementation of the Chatsworth Wetland Mitigation Project including activities required to satisfy California Environmental Quality Act (CEQA) requirements and actions to finalize a Chatsworth Mitigation Agreement between BFI and several departments of the City of Los Angeles.

The remainder of this Report is presented in the following Sections and Appendices:

Section 2.0	Independent Monitoring Activities
Section 3.0	Status of Conditions of Approval
Section 4.0	Conclusions and Recommendations
Appendix A	Field Daily Reports and Site Visitation Logs
Appendix B	Site Visit Sign-In Sheets
Appendix C	U.S. Army Corps of Engineers (USACOE) Letters
Appendix D	Oak Tree Mitigation Compliance Letter
Appendix E	Hazardous Waste Roundup Letter
Appendix F	C2 REM's Technical Memorandum, dated November 2, 2010

2.0 INDEPENDENT MONITORING ACTIVITIES

The independent monitoring activities conducted by C2 REM to track and verify BFI compliance with the applicable Conditions of Approval during this period included:

- **Field Verification** – 23 Site visits were performed to observe work activities throughout the period covered by this Report. C2 REM staff prepared supporting documentation that identified tasks performed and the Conditions of Approval that were tracked and verified. These are summarized in the following elements of this Report:
 - Table 1.0 – *Conditions of Approval Tracking Table* - Conditions of Approval monitored during each Site visit and through record review;
 - Table 2.0 - *Log of Independent Monitor Site Visits and Meetings* - list of Site visits and meetings attended by C2 REM;

- Figure 5.0 through Figure 32.0 - *C2 REM Independent Monitor Site Visits (photos)*;
 - Appendix A - Field Daily Reports and Site Visitation Logs
 - Appendix B - Site Visit Sign-In Sheets.
 - Appendix C - U.S. Army Corps of Engineers (USACOE) Letters
 - Appendix D - Oak Tree Mitigation Compliance Letter
 - Appendix E - Hazardous Waste Roundup Letter, and;
 - Appendix F - C2 REM's Technical Memorandum, dated November 2, 2010
- **Record Review** - BFI submittals and reports were reviewed, catalogued and filed, including supporting documentation for the Conditions of Approval and permits (see Section 2.2 of this Report for a list of documents reviewed during this monitoring period).
 - **Program Management** - C2 REM managed resources to communicate with the DCP, BFI, and applicable lead enforcement agencies; tracked and verified BFI's activities (as they relate to the Conditions of Approval); and, organized information received during the period covered by this Report.
 - **Meetings** - a summary of meetings attended by C2 REM are summarized in Table 2.0 - *Log of Independent Monitor Site Visits and Meetings*.

Table 1.0 provides a description of each Condition of Approval with the Pre-Operations Conditions (highlighted in yellow) to distinguish from the Operations Conditions. The table also provides clarifications as to the need for ongoing monitoring and the actions taken by C2 REM during this monitoring period including:

- Record review of submittals;
- Conditions tracked and verified during Site visits; and,
- Conditions of Approval which had No Action (NA). These conditions were either determined to be non-applicable during this monitoring period, verified during previous monitoring periods while still requiring ongoing monitoring, and/or the condition was previously verified and satisfied (CS) and requires no further action.

2.1 FIELD VERIFICATION

C2 REM verifies and monitors compliance with Conditions of Approval in the field through observation, record review, and discussions with Site supervisors and mitigation monitors. The 23 Site visits were performed on randomly chosen days (unless the Site visit was a

follow-up to track and verify non-compliance issues). During Site visits, C2 REM staff held discussions with appropriate Site personnel (e.g., construction managers, biologist, geologist, engineers, archeologist, paleontologist, compliance managers, etc.). Subsequently, C2 REM staff prepared notes and took photos to document the work (see Figures 5.0- 32.0 and Appendix A).

When C2 REM staff observed BFI or was informed by an enforcement agency that BFI was in non-compliance or exceeded the threshold stated in the Conditions of Approval, C2 REM noted the condition on a Field Daily Report and notified the City and BFI management via email. The pertinent information regarding non-compliance or a threshold exceedance was described in the Non-Compliance (NC)/Threshold Exceedance (TE) Issues section of the Field Daily Report presented in Appendix A. Conditions of Approval noted as “*Non-Compliance*” or “*Threshold Exceedance*” during Site visits are identified in Table 1.0 with the designation ‘NC’ or ‘TE’ for that specific day and during subsequent visits until C2 REM staff verified compliance. A summary of the status of the Conditions of Approval monitored and any issues identified during this monitoring period have been presented in Section 3.0 of this Report.

2.2 RECORD REVIEW

During this monitoring period, C2 REM staff reviewed documents and reports prepared and submitted by BFI to ensure compliance with the Conditions of Approval and the required permits. Routine record review included but was not limited to verification of waste load checks, waste intake rates, litter clean-up crew logs, hotline logs, monthly facility inspection checklists, landfill gas monitoring results, groundwater monitoring results, leachate monitoring results, mitigation monitoring reports, and alternative fuel light duty vehicle fueling logs.

Table 3.0 – *Summary of Record Review* provides a summary of the documents and reports that were received and reviewed during this semi-annual period. The applicable Conditions of Approval tracked and verified through the record review process were noted in Table 1.0.

2.3 PROGRAM MANAGEMENT

Throughout this monitoring period, C2 REM effectively monitored and allocated appropriate personnel and support resources to this project to ensure that all applicable Conditions of Approval were tracked and verified. BFI submittals are maintained in C2 REM’s office in a prominent location readily available to staff. C2 REM strived to maintain effective communications with the DCP, BFI, the lead enforcement agencies, and all stakeholders; ensured that problems were appropriately identified and documented; and, alerted the stakeholders when necessary.

2.4 MEETINGS

During this monitoring period, C2 REM attended one Community Advisory Committee (CAC) on November 4, 2010 and two on-site meetings on August 12, 2010 and October 28, 2010 (see Table 2.0).

3.0 STATUS OF CONDITIONS OF APPROVAL

During the period covered by this Report, C2 REM performed verification of 203 Conditions of Approval. C2 REM staff, through field verification and/or record review, noted and reported 3 instances of a TE for MRMP-34.a. (Perimeter Probe Monitoring) and 2 instances of a TE for MRMP-34.d. (Instantaneous Surface Monitoring). Additionally, C2 REM noted and reported 1 instance of an NC to the DCP for Q-C.10.d. (1) (Light Duty Alternative Fuel Requirements).

Finally, there are a number of Conditions of Approval that will require additional verification by BFI. A discussion of these conditions is provided in Section 3.4.

3.1 THRESHOLD EXCEEDANCE MRMP-34.a.

During Monthly Perimeter Probe Monitoring activities conducted on May 24, 2010, June 14, 2010 and on September 20, 2010 an exceedance of the 5% total organic compounds (TOCs) threshold was detected by BFI's LFG monitoring consultant on perimeter probes located on the city-side of the landfill.

MRMP-34.a. is part of the air quality mitigation measures designed to eliminate the potential for odor impacts to a less than significant level. A source of odor from landfills is the methane-related landfill gases produced by the anaerobic degradation of refuse. As these natural gases are generated within the landfill cells, pressure moves the gases within and away from the landfill. In order to ensure that odors are kept to a minimum and landfill gases are not migrating offsite through subsurface soils or through cracks on the surface of the landfill, an odor/landfill gas monitoring program, in accordance with the requirements of South Coast Air Quality Management District (SCAQMD) Rule 1150.1, has been implemented at the Site. This monitoring program has been established to ensure that landfill gas concentrations above regulatory thresholds do not escape offsite.

MRMP-34.a. reads:

"To ensure that odors are kept to a minimum, the following odor/LFG monitoring program shall be implemented for the proposed landfill project. The monitoring program shall comply with the requirements of SCAQMD Rule 1150.1 and include: a. Sample Probe Installation - One monitoring probe per 1,000 feet or as identified by South Coast Air Quality Management District (SCAQMD) and/or Local Enforcement Agency (LEA) in the landfill expansion, and one probe per 650 feet or as identified by

SCAQMD and/or LEA in the City Inactive landfill along the landfill perimeter, or which ever is more restrictive shall be installed to identify potential areas of subsurface landfill gas (LFG) migration. These probes shall be monitored to ensure that quantities of LFG beyond regulatory standards do not vent offsite through subsurface soils.”

In all instances of the TE, corrective measures were conducted by BFI and subsequent re-monitoring verified that these exceedances had been mitigated. The time frames of a TE for MRMP-34.a. have been noted as May 24, 2010 through June 14, 2010; June 14, 2010 through July 26, 2010; and, September 20, 2010 through October 7, 2010.

3.2 THRESHOLD EXCEEDANCE MRMP-34.d.

During the 2nd and 3rd Quarter Instantaneous LFG Surface Monitoring Events conducted on June 28, 2010 and September 21, 2010, respectively, exceedances of the 500 parts per million by volume (ppmv) TOCs threshold were detected at various locations on the City-side of the landfill.

MRMP-34.d reads:

*“To ensure that odors are kept to a minimum, the following odor/LFG monitoring program shall be implemented for the proposed landfill project. The monitoring program shall comply with the requirements of SCAQMD Rule 1150.1 and include...
d. Instantaneous Landfill Surface Monitoring: Spot checks on the landfill surface shall be made to determine the maximum concentration of total organic compounds measured as methane, measured at any one point on the surface of the landfill does not exceed the SCAQMD’s standard of 500 parts per million (ppm).”*

In both instances of the TE, corrective measures were conducted by BFI and subsequent re-monitoring verified that these exceedances had been mitigated. The time frames of a TE for MRMP-34.d. have been noted as June 28, 2010 through July 16, 2010 and September 21, 2010 through September 29, 2010.

3.3 NON-COMPLIANCE Q-C.10.d. (1)

As part of the Conditions of Approval, BFI is required to fuel their light/medium duty vehicles with E-85 fuel.

Condition of Approval Q-C-10.d. (1) states:

“The applicant/operator shall either purchase or investigate the purchase of non diesel, alternative fuel vehicles and equipment, as follows: 1) Upon commencement of operation of the landfill, all light duty vehicles operated at the site shall be alternative fuel vehicles.”

Further to this condition, as a result of the October 25, 2006 “Working Group Meeting”, BFI executed a covenant and agreement with the DCP agreeing to retire or replace all of its gasoline and diesel-powered light/medium duty vehicles with E-85 ethanol fuel vehicles by the end of 2007, while providing assurances to the City that only E-85 fuel shall be used. In accordance with the covenant, BFI has replaced all light/medium duty vehicles with E-85 vehicles and has been re-fueling with E-85 at the Conserv Fuel Station located at 11699 San Vicente Boulevard, Los Angeles, California. BFI continues to pursue permits to install and operate an on-site E-85 fueling tank.

As part of monitoring activities, C2 REM reviewed BFI’s Monthly E-85 Fueling Logs for light/medium duty vehicles. During the month of August 2010, C2 REM observed that the records indicated that on August 12 and 17, 2010 an E-85 vehicle was filled with regular unleaded gas. BFI’s explanations for those instances were the following: 1) on August 12, 2010, the unleaded fuel was used to fill a vehicle in order to reach the E-85 fueling station and, 2) on August 17, 2010, the unleaded fuel was used in a vehicle for off-site purposes.

Based on the abovementioned explanation, C2 REM interprets BFI to have been non-compliant with Condition of Approval Q-C.10.d. (1).

3.4 CONDITIONS OF APPROVAL REQUIRING FURTHER VERIFICATION

Conditions of Approval that require further verification by BFI include:

- 1) Implementation of wetland mitigation activities - Q.C.9.;
- 2) Verification of Coastal Sage Scrub Mitigation - MRMPs 60 and 63;
- 3) Maintenance of Oak Mitigation Tree Area - MRMPs 72-82;
- 4) Funding of hazardous waste roundups - Q-C.2.e.;
- 5) Implementation of alternative fuel Conditions of Approval - Q-C.10.d.; and,
- 6) Removal of ALC -MRMP 8.

3.4.1 WETLAND MITIGATION - Q-C.9.

Condition of Approval Q-C.9 requires that mitigation sufficient to prevent any net loss of wetland be implemented as a result of development activities at the Site.

Q-C.9 reads:

“The Permittee shall replace disturbed riparian and wetland habitat to the satisfaction of the California Department of Fish and Game and the U.S. Army Corps of Engineers in accordance with plans approved before commencement of landfill development. Replacement habitat shall be provided on a 2:1 ratio through a program of tree planting streamzone stabilization, stream enlargement and/or streamzone rehabilitation in degraded drainage channels. The program shall also

provide mitigation sufficient to prevent any net loss of wetland. Any replacement site shall be located in the San Fernando Valley. Preference shall be given to habitat mitigation in the immediate vicinity of the landfill or an urbanized area whereby providing outdoor experience and education within proximity of a larger population. Final site selection and the review of detailed engineering plans and working drawings shall be coordinated among the responsible agencies.”

In order to facilitate these activities, a location at the Chatsworth Reservoir was selected as a suitable mitigation area, the necessary permits were obtained, and the Final Mitigation Plan (Mitigation Plan) to implement these activities was approved by the appropriate agencies. As a result of extensive delays, the USACOE Permit No. 2003-0048-AOA (404 Permit) issued on February 26, 2004 has had to be modified (specifically Condition One and Five) annually to extend the implementation deadline.

The USACOE had expressed concern with the lack of progress and the fact that all authorized impacts (resulting from landfill closure or expansion projects) have been completed and more than 6 years have elapsed without the initiation of the required compensatory mitigation.

However, based on the understanding that the CEQA process and the Mitigation Agreement between BFI and the City of Los Angeles were almost complete, the USACOE amended the applicable permits on February 9, 2010 and extended the deadline that the required mitigation activities be initiated prior to August 31, 2010 (Appendix C).

C2 REM contacted Aaron Allen with the USACOE on November 17, 2010 to discuss the status of the Chatsworth Mitigation project. Mr. Allen indicated that the USACOE and BFI have had ongoing communications regarding the implementation of the project. Based on their discussions and the anticipated timeline going forward, the USACOE is in process of amending the permit to extend the deadline to the spring of 2011. C2 REM will continue to monitor the progress of these activities and verify that the required mitigation is implemented in accordance with applicable permits and the Mitigation Plan.

3.4.2 COASTAL SAGE SCRUB (CSS) MITIGATION - MRMPs 60 AND 63

Condition of Approval MRMP-60 requires the restoration of native upland vegetation that was removed during expansion activities on the city-side of the landfill.

MRMP-60 reads:

“A detailed conceptual mitigation plan shall be prepared by the project proponent and contain specific information on planting, maintenance, and monitoring. A revegetation plan that includes Coastal sage scrub restoration can feasibly occur on-site. The implementation of this plan will provide on-site mitigation greater than 1:1 to offset the loss of coastal sage scrub.”

In accordance with MRMP-60, a CSS Mitigation Plan along with a supplemental plan was prepared by BFI's consultants on January 2005 and January 2008, respectively. C2 REM understands that CSS mitigation activities were completed in the 1st Quarter of 2009. As described in the January 2005 CSS Mitigation Plan, impacts to native vegetation as a result of the expansion on the city-side of the landfill, will result in the revegetation and maintenance of 69.5 acres of CSS. Following the seeding operation, *"the project biologist, revegetation specialist and City staff shall conduct a walk-through of the installed revegetation effort. As-builts will be provided two weeks after inspection and prior to City acceptance."*

Additionally, as part of the CSS mitigation activities, Condition of Approval MRMP-63 is in place to mitigate impacts to the San Diego Horned Lizard through the restoration of CSS along with friable soils.

MRMP-63 reads:

"Impacts on the San Diego horned lizard can be mitigated to a level of less than significant by restoring coastal sage scrub habitat. This will create a temporal loss of the species, but the population should recover following restoration of this habitat. Topsoils should be selected that are friable to suit lizard habitat requirements". As described in the January 2005 CSS Mitigation Plan, "A total of 8 of these one-meter square areas are planned on the flat landfill area."

As yet, BFI has not submitted the as-built delineating the required 69.5 acres of mitigation required due to expansion activities on the city-side of the landfill or constructed the 8 one-meter square areas of friable soil required to mitigate impacts to San Diego Horned Lizard.

3.4.3 MAINTENANCE OF OAK MITIGATION TREE AREA - MRMPs 72-82

In accordance with Conditions of Approval MRMPs 72-82 and the City of Los Angeles Oak Tree Removal Permit D0290, a 2:1 (replacement: removal) ratio was required for trees removed during city-side landfill expansion. At this replacement ratio and due to the number of trees removed to date, a total of 1,060 (15-gallon) oak trees were required; however, BFI supplied 125 trees to the City of Los Angeles (to be planted elsewhere) which reduced the number to 935. Further, in keeping with a June 26, 2008 letter prepared by the Department of Public Works (DPW), Bureau of Street Services, BFI is required to submit an annual monitoring report, replace any dead trees, and ensure that a minimum of 935 trees are surviving in good health at the end of the 5-year maintenance period (see Appendix D).

In November 2008, the Sylmar Sayer Brush Fire burned through portions of the Site which resulted in the mortality of numerous oak trees planted for mitigation purposes. As outlined in BFI's, *2010 Oak Tree Mitigation Monitoring Report*, 871 live oak trees were inventoried. The condition rating for these trees was as follows: 1) 448-excellent; 2) 145-good; 3) 142-fair; and, 4) 136-poor. Therefore, based on the most recent count, the current number of oak mitigation trees does not satisfy the mitigation requirement. Currently, a shortage of 64 trees exists. This number is likely to increase, as the survey also indicated 136 trees in poor health.

On August 12, 2010, representatives from C2 REM, DPW-Urban Forestry Division (UFD), DCP, and BFI met on-site to tour Oak Tree Mitigation Areas and discuss the status of mitigation requirements. As an outcome of the meeting, it was agreed upon by all parties that BFI should complete an arborist report assessing the health of oak mitigation trees by November 2010 and then plant a sufficient number of trees to fulfill the aforementioned condition minimum of 935 healthy trees. The trees planted post report submittal shall be planted when weather conditions are most compatible but in any event no later than December 31, 2010. Upon completion of planting, BFI shall produce and submit a final tree report within 6 months to the DPW-Bureau of Street Services for review and on-site collaboration. After review and approval of the final tree report, indicating that 935 or more healthy oak trees exist, the City will deem the above conditions satisfied and complete for trees removed during development of Cell A in 2004. Should additional trees be removed during future development on the City-side of the landfill, appropriate mitigation may be required.

3.4.4 FUNDING OF HAZARDOUS WASTE ROUNDUPS - Q-C.2.e.

Condition of Approval Q-C.2.e. states:

“The Permittee shall fund 50 percent of cost of at least thirteen (13) hazardous waste roundups, to occur every other year during the operational life of the landfill, for the areas covered by Granada Hills-Knollwood District Plan, Chatsworth-Porter Ranch Plans, Northridge Community Plan, Mission Hills-Panorama-Sepulveda Plans, and Arleta-Pacoima Plans, provided that the City Council authorizes such roundups and the balance of the required funding is provided by the City and/or other public agencies. The roundups shall be publicized in the newsletter and on the web site.”

Based on C2 REM’s record review, BFI’s previous payment to satisfy this condition occurred in August 2008. In accordance with July 14, 2008 letter from the DPW-Bureau of Sanitation, the next payment was due by July 2010 (see Appendix E). It is C2 REM’s understanding from discussions with BFI that no additional payments subsequent to August 2008 have been made. BFI indicated that they have contacted the DPW, Bureau of Sanitation, multiple times requesting an invoice. As of November 18, 2010, no invoice submittal has been received by the DPW.

3.4.5 IMPLEMENTATION OF A HEAVY-DUTY ALTERNATIVE FUEL OFF-ROAD EQUIPMENT PILOT PROGRAM - Q-C.10.d. (6)

Condition of Approval Q-C.10.d. (6) states:

“Within one year of operation, the applicant/operator shall design and begin implementation of at least one heavy-duty alternative fuel off-road equipment pilot program.”

Based on BFI's 2009 Annual Report, at this time there continues to be no proven and available alternative fuel heavy-duty off-road vehicles for landfill applications. BFI should continue to assess the feasibility of implementing a heavy-duty alternative fuel off-road equipment pilot program.

3.4.6 REMOVAL OF ANCIENT LANDSLIDE COMPLEX- MRMP 8

Pursuant to the request from the DCP and the Sunshine Canyon Landfill Local Enforcement Agency (LEA), C2 REM conducted a Site visit on October 28, 2010 to assess an area of interest as it relates to recent or ongoing geologic activity (i.e., landslide) observed at the Site. Specifically, the area of interest included the southeastern temporary slope below the LCTF (see Figure 4.0). C2 REM inspected the temporary slope near the LCTF and observed numerous cracks varying in width from fractions of an inch to several inches, lengths from inches to tens of feet, and depths from inches to a few feet. BFI's Geotechnical Engineer of Record, (Mr. Ali Mehrazarin of A-Mehr Inc.) indicated that the current excavation and grading activities in this area were being conducted as part of ongoing operations activities to remove the presence of an identified ALC on the Site.

Based on C2 REM's review of applicable documents (i.e., *Final Subsequent Environmental Impact Report, December 1999; Waste Discharge Requirements, October 2008; and Joint Technical Document, May 2008*) that describe and/or restrict the operation of the Site, an ALC has been identified within the footprint of the landfill and when encountered shall be removed. Similarly, Condition of Approval MRMP-8 states:

"When excavating for the landfill operation, if a landslide is encountered, all material constituting that landslide shall be removed. Excess landslide material not used immediately for cover material shall be stockpiled onsite for future use. If necessary, the landslide area shall be excavated a portion at a time to avoid opening large sections of potentially unstable material. A buffer area shall be maintained between the active landfill cells receiving waste and areas under excavation to remove overburden soils, landslide debris, and weathered bedrock. A qualified geologist shall delineate the limits of the landslide during excavation. Landslide removal shall not commence when the ground is saturated, unless removed under the direction and specifications of a certified engineering geologist."

The temporary slope where excavation and grading activities occurred is located approximately in the head portion of the ALC. The appearance of cracks within this temporary slope are a common feature when the head of a landslide is exposed (the soil above is removed). The cracks observed in the slope below the LCTF are of a typical tension-type, which is indicative of down slope movement of the native soil material. These cracks (and hence the mobile material) are not deep-seated and are of a surficial nature, that is, the soil that is "sliding" is confined to the upper few feet. It is important to note that cracking in this area has been noted as far back as published data indicates.

It was confirmed by Mr. Mehrazarin to C2 REM, that the landslide material will be completely removed and therefore mitigates the danger to Site personnel and potential danger

to the surrounding community which may be caused by this ALC. Regular and frequent (daily) observation and monitoring of the temporary slope conditions noting rate of movement and formation of any new cracks should continue to be conducted. Additionally, the removal of ALC and any new landslide deposits should continue to be overseen by licensed Geologists/Engineers to ensure that the slide surface has been removed and the excavation is followed according to the approved project specifications.

A Technical Memorandum with C2 REM's detailed observations, conclusions, and recommendations for this area of interest is provided in Appendix F.

4.0 CONCLUSIONS AND RECOMMENDATIONS

During this monitoring period, C2 REM staff tracked and verified the applicable Pre-Operations and Operations Conditions of Approval. A total of 203 Conditions of Approval were verified and monitored through Site visits, record review and/or communications with BFI. Conditions of Approval that were not verified or tracked during this monitoring period include:

- Conditions of Approval that were determined to be non-applicable during this monitoring period;
- Conditions of Approval verified during previous monitoring periods while still requiring ongoing monitoring; and/or,
- Conditions of Approval that were previously verified and satisfied and required no further action.

The Conditions of Approval that were monitored during this period were in compliance or satisfied the requirements with the exceptions noted in Table 1.0, and described in Section 3.0.

The following activities are anticipated to take place in the upcoming year:

- 1) Operation activities will continue for Cell A Part 1, Cell A Part 2, and Cell CC-1 (see Figure 2.0);
- 2) Activities necessary to facilitate implementation of the Chatsworth wetland mitigation project shall continue in accordance with Condition of Approval Q-C.9 and applicable permits;
- 3) Implementation of activities required to satisfy CEQA requirements as it relates to a beneficial use landfill gas project in accordance with Condition of Approval Q-C.10.c.;
- 4) Maintenance and monitoring of Coastal Sage Scrub Mitigation Areas, PM-10 Tree Buffer, and Oak Tree Mitigation Areas along with the submittal of Annual Monitoring Report;
- 5) Continued testing and implementation of mitigation measure to control odor impacts from the facility;

- 6) Excavation and construction of Cell CC-2 will commence following Regional Water Quality Control Board (RWQCB) approval of BFI's design plans; and,
- 7) Implementation of activities required to relocate the LCTF pursuant to the Joint Technical Document for Sunshine Canyon City/County Landfill.

**TABLE 1.0
CONDITIONS OF APPROVAL
TRACKING TABLE
SUNSHINE CANYON LANDFILL**

Condition of Approval Description		Initial Phase (1)	Ongoing Monitoring Required	Record Review of Submittals	TRACKED AND VERIFIED CONDITIONS FROM JUNE 1, 2010 THROUGH NOVEMBER 15, 2010																									
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					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY
C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY			
	MRMP CONDITIONS																													
EARTH RESOURCES	1. Grading Meets Regulations (CCR Title 14, Bldg and Safety and LA City)	PC			X			X						X						X	X	X	X	X	X	X	X			
	2. Additional Grading Beyond LF Footprint (e.g. slope stability, drainage)	PC			X																									
	3a. Over-excavation of undesirable materials	PO																	X	X	X	X	X	X	X	X				
	3b. Engineered Fill to Replace undesirable materials	PO																	X	X	X	X	X	X	X	X				
	4. Grading beyond LF Limit	PC			X																X									
	5. Grading Meets Geotechnical Report Requirements	PC			X																X	X	X	X	X	X	X			
	6. Renegotiation/Erosion Control/Interceptor Ditches	PC		√					X		X	X			X		X	X	X	X	X	X	X	X	X	X				
	7. Reabandonment of Wells	PC																										NA		
	8. Landfill Excavation - Landslide Material	PO																							X		X			
	9. Soil Stabilization/Erosion Control prior to Rainy Season	PO																		X										
	10. Seismic Impacts Design Review/Construction	PC																						X						
	11. Operations Checklist/Earthquakes	O																										NA		
	12a. Alluvium Excavation	PO																							X					
	12b. Engineered Fill to Replace Excavated Alluvium	PO																							X					
	13a. Landfill Design Review for Liquefaction	PC																							X					

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY
AIR QUALITY-CONSTRUCTION	19g. Reduce Idling Time for Equipment	PO		√																X								
	19h. Stage II Smog Alerts to Curtail Construction	PO		√																								
	20. Watering of active Construction Areas	PO																		X								
	21. Monitoring of Wind Speed-Construction	PO																				X	X	X	X	X	X	
	22. Watering of Graded Area-Construction	PO																		X				X	X			
	23. Revegetation of Disturbed Areas	PO		√																								
AIR QUALITY-OPERATION	24a. Maintain Equipment in Tune	PC		√																								
	24b. Catalytic Converters on Gas Engines	PC		√																								
	24c. Retard Diesel Injection Timing	PC		√																								
	24d. Install High Pressure Fuel Injectors	PC		√																								
	24e. Reformulated, Low-emission Diesel	PC		√																								
	24f. Substitute Diesel, where possible	PC		√																								

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					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY	
C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	IY					
AIR QUALITY - OPERATION	24g. Reduce Idling Time for Equipment	PC		√	X		X																								
	24h. Stage II Smog Alerts	PC		√																											
	25a. Refuse Trucks to be in Proper Tune	O		√																											
	25b. Refuse Trucks Fuel Injectors and engine timing	O		√																											
	25c. Full Loads via Progressive Fee Schedule	O		√																											
	25d. Off-peak hour Deliveries to be encouraged.	O		√																											
	25e. Truck Idling Time of Less Than 5 minutes	O		√	X		X				X																				
	25f. Warnings for Excessive smoke from Refuse Trucks	O																									NA				
	26a. Paved Access Roads	PO																													
	26b. Cleaning of Paved Access Roads	O			X		X	X		X				X			X			X					X	X					
	26c. Dust Suppressant for Unpaved Roads	O				X		X	X		X			X	X	X	X			X	X	X			X	X					
	26d. Crushed Stone Road Topcoat and Dust Suppressant	O																													
	27a. 10-acre Active Working Face	O			X		X		X		X	X																NA			
	27b. Disturbed Area Reduction when South of Inactive City LF	O																										NA			
	28a. Excavated Materials used as Daily Cover to Minimize Erosion	O			X						X					X			X		X	X		X	X	X					
28b. Maximum Cell Hgt. Of 20 feet to Minimize Erosion	O			X	X		X	X	X	X		X		X		X	X	X	X	X		X	X	X							

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					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	
C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	
SURFACE AND GROUNDWATER	41a. Surface Water Design Review	PC		√	X				X									X				X						
	41b. Sed Basin Water Release and NPDES Requirements	PC		√	X													X										
	42. Monitoring Water Quality at Sed Basins	O		√	X				X									X								X		
	43. Cleaning of Sedimentation Basins	O		√	X				X									X								X		
	44. Compaction & Grade of Final Landfill Cover	O			X																							
	45. Erosion Control Plan	PC		√	X				X									X				X						
	46a. Preventive Maintenance Program for Storm water Protection	PC		√	X				X		X		X					X				X	X		X			
	46b. Summary Report of Storm water maintenance Inspections	PC		√	X																							
	47. Composite Liner System	PO																										NA
	48. QA/QC of Liner System	PO																										NA
	49.a. Installation of Sub grade Gravel Drainage Blanket for Seep Diversion to Sed Basin	PO		√																								
	49.b. Seep Water Sampling and Testing	PO		√														X										
	50a. LCRS Installation	PO		√	X								X					X				X						
	50b. Leachate Sampling, Testing and Discharge	PO		√	X						X							X										
	51. LCRS Design Review/Operation	PC		√	X													X				X						
	52. Gas Collection Layer over Existing LF	O		√	X																							
	53. Monitoring of Groundwater Wells	PC		√						X								X										

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	IY		
BIOLOGICAL RESOURCES	54. Prep of a Prelim CI/Post CI Plan	PC																									NA	
	55. Monitoring of the design, Operating & Final Closure of the LF for Env Impacts to Water	PC																									NA	
	56. Cover Material Placement to Inhibit Water Infiltration and Leachate Production	O																									NA	
	57. Dust Control Water	O			X	X				X									X									
	58. Class III Landfill	O			X	X				X					X				X									
	59. Installation of UST's	PO																									NA	
	60. Coastal Sage Scrub Mitigation Plan	PC		√	X	X																						
	61. Coastal Sage Scrub Seed Collection and Spreading within onsite Mitigation Areas	PO			X	X																						
	62. Conceptual Mitigation Plan - Transplanting Lilies	PC			X	X																						
	63. Restoration of Coastal Sage Scrub for San Diego Horned Lizard Habitat	PC			X	X																						
	64a. California Gnatcatcher Surveys	PC																									NA	
	64b. USFWS Permit for grading Gnatcatcher Habitat	PC																									NA	
	65a. Least Bell's Vireo Surveys	PC																									NA	
	65b. USFWS Permit for grading Least Bell's Vireo Habitat	PC																									NA	
	66a. Western Burrowing Owl Preconstruction Surveys	PC																									NA	
	66b. Western Burrowing Owl Relocation Program	PC																									NA	
	67. Active Migratory Bird Nest Survey	PC																									NA	
	68. Raptor Nesting Area Disruption and Mitigation	PC																									NA	
	69. Identification of Potential Candidate Mitigation Site - Offsite Mitigation	PC		√																								

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	
BIOLOGICAL RESOURCES	70. Purchase of Wetland Credits	PC																										NA
	71. Removal of invasive, Exotic plants	PC																										NA
	72. Native Tree Replacement	PC		√									X	X												X	X	
	73. Nonnative Tree Replacement	PO		√									X	X												X	X	
	74. Mitigation Tree Planting Location	PC		√									X	X												X	X	
	75. Preparation of Mitigation Tree Planting Site	PC		√									X	X												X	X	
	76. Installation of Poultry Wire Screen	PC		√									X	X												X	X	
	77. Backfill & Planning Material	PC		√									X	X												X	X	
	78. Preparation Work Prior to Tree Planting	PC		√									X	X												X	X	
	79. Application of Mulch	PC		√									X	X												X	X	
	80. Installation of Drip Irrigation	PC		√									X	X												X	X	
	81a. Design Specifications of Drip Irrigation	PC		√									X	X												X	X	
	81b. Drip Irrigation Mon and Maint Prog	PC		√									X	X												X	X	
	82. Annual Monitoring Report	O		√									X	X														
	NOISE	83. Landfill Operation Hours and Postings Onsite (Pre Ops: Signs ONLY)	O		√																							
84. Landfill Equipment Equipped w/Air Flow Silencers, Low-Noise Mufflers		PO																										NA
LIGHT & GLARE	85. Directed/Shielded Lighting	PO																										NA
LAND USE	86. Maintenance & Enhancement of 100-acre Open Space Buffer	PC		√																								

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					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY		SK	IY
C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY		
RISK OF UPSET	87. Class III Landfill	O		√			X				X					X		X	X											
	88. Disposal of 55-gallon drums	O																											NA	
	89. Posting of Hazardous Waste Policies	PO																											NA	
	90. Refuse Inspection Program	PO		√		X					X					X	X	X												
	91. Impl of a Haz Load-Checking Prog	PO		√		X					X			X		X	X	X				X	X	X						
	92. Notification of Hazardous Waste Analysis	O		√		X					X					X						X		X						
	93. Landfill Employee Training Manual	PO				X					X																			
	94. Spill Response Program	PO		√	X					X								X	X											
	95. Full-time Waste Inspectors	O				X					X							X	X											
	96. Monitoring of Vector Activity	O		√	X						X				X			X				X								
	97. Installation of Wire or Monofilament Line/Vector Control	O		√	X						X							X	X											
	98. Fly Control Measures	O		√	X						X							X	X											
	99. Rodent Control Measures	O		√	X						X							X	X											
	100. Vector Activity - Operational Techniques	O		√	X						X							X	X											
	101. Equipment Maintenance	O		√	X						X							X	X											
	102. Landfill Facility Containers	O		√	X						X							X	X											
	103. Salvaged Materials	O		√	X						X							X	X											
	104. Vector Monitoring	O		√	X						X							X	X											
	105. Vector Eradication	O		√	X						X							X	X											

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					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY
C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY		
RISK OF UPSET	106a. Minimization of Litter Generation	O			X	X	X	X			X								X			X								
	106.b.Green Waste Control	O																										NA		
	107. Containment of Litter & Debris	PO	√		X	X														X							X			
	108. Vehicle Tarping Requirements	PO			X					X										X							X			
	109.a. Cleanup Crews - Weekly Litter Pickup Outside of LF	O	√	X			X			X		X	X		X	X	X	X			X						X			
	109.b. Daily Neighborhood Surveillance for Litter	O	√	X						X					X	X	X				X						X			
	110. Illegal Dumping Monitoring	O	√	X						X						X														
	111. Radio Dispatch System	PO			X																									
	112a.Daily Litter Patrol from Entrance to the Scales	O			X										X															
	112b. Mitigation of Improperly Covered or Contained Loads	O																										NA		
	112c. Daily Litter Patrol to Working Face	O	√	X		X				X							X		X		X									
	112d.Wind-Shielding of Operations during Windy Days	O																										NA		
	112e. Working Face Litter Fences	O	√		X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X			
	113. Implementation of the IIP Program	PO	√	X					X									X												
	114. Unsafe/Practices/Condition Inspections	O	√	X					X									X												
	115. Development of Inspection Checklists	PO	√	X					X									X												
	116. Preparation of an Inspection Report	O	√	X					X									X												
117.a Safety Meetings	O	√	X					X									X													
117.b.Weekly Safety Meeting and Updates	O	√	X					X									X													

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					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY
C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY
RISK OF UPSET	118. Retainment of Records	O		√	X					X									X										
	119. Installation of First-Aid Kits	PO		√	X					X				X					X	X			X						
	120. Impl of a an Emerg Action Plan	PC		√	X					X									X										
	121. Impl of a Fire Prev Plan	PC		√	X					X									X										
	122. Implementation of Lockout/Blockout Procedures	O		√	X					X									X										
	123. Availability of PPE	O								X																			NA
	124. Safety Ordinances	O		√	X					X									X										
	125. Maintenance of Perimeter Fencing	PC		√	X					X				X					X	X			X						
	126. Maintenance of Landfill Equipment	O			X					X									X										
	127. Establishment of a Citizen Advisory Committee	PC																											CS
	128. Monitoring for Methane Gas levels	O		√			X			X						X		X	X										
	129. Install Elect Combust Gas Detectors	PO		√			X			X						X		X	X										
	130. Inspection & Mitigation measures of the gas collection & Flaring system	O			X					X																			
	131. Potential Presence of unrecorded, Subsurface Wellheads	PC																											NA
	132a. Use of Portable Gas Detection devices	PO																											NA
	132b. Well Abandonment	PO																											NA
133. Use of Portable Gas Detection devices in Trenches & Excavations	PO								X																				
134. Airport Notification	PC																											CS	

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[illegible]

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	
UTILITIES	173. Light Switches & Thermostats	PO																											NA
	174. Public Area Lighting	PO																											NA
	175. Potable Water Delivery	PC																											NA
	176a. Reclaimed Water- Dust Suppression	PC																											NA
	176b. Reclaimed Water at the Site	PC																											NA
	177a. Drip Irrigation System to Save Water	PO																											NA
	177b. Dust Suppression Additive	PO																											NA
	177c. Green waste/Wood waste	PO																											NA
	177d. Water Conserving Plants	PO			√																								
	AESTHETICS/VIEWS	178. Permitted Landfill Elevations	PO																										
179. Cover Material Excavation Areas		O																											NA
180. Revegetation w/ Native Species		PO			√																								
181. Landscaping of Final Landfill Cover		O																											NA
182. Maintenance & Enhancement of 100-acre Open Space Buffer Zone		O																											NA
CULTURAL/SCIENTIFIC RESOURCES		183. Resurveying of Intended Cut & Fill Areas Proposed For Landfill Development	PC																										
	184. Onsite Archaeologist	PC			X																X			X					
	185. Identifying Archaeological Resource Instructions	PC																											NA
	186. Recovered Archaeological Resources	PC																											NA
	187. Resurveying of Specific Sections of the City/County Landfill Project	PC																											NA

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY	
CULTURAL/SCIENTIFIC RESOURCES	188. Onsite Paleontologist	PC			X																X				X				
	189. Identifying Paleontological Resource Instructions	PC																											NA
	190. Recovered Paleontological Resources	PC																											NA
	191. Paleontologist Retained to Perform Inspection of the Excavation	PC																											NA
Q-Conditions																													
Q-CONDITIONS	A.1. Covenant.	PO																											CS
	A.2. Approval verification and submittal.	PO																											CS
	A.3.a. Definitions.	PO																											CS
	A.4.a. Enforcement	PO																											CS
	A.4.b. Failure to Cease Activity	PO																											NA
	A.4.c. Enforcement Authority	PO																											
	A.5. Plan	PC																			X								
	A.6. Annual Reports.	O			√																								
	A.7. Revised MRMP	PO			√																								
	A.8.a. Bonds.	PC																											NA
	A.8.b. Indemnity	PO																											NA
	A.9.a. Agreements	PO																											NA
	A.9.b. Establishing Rights to Use Landfill.	O																											NA
	A.9.c. Type of Financial Agreements.	O																											CS

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					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY		SK	IY	IY
C2 REM Staff					SK	IY	SK	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY	IY		
Q-CONDITIONS	A.9.d. Environmental Education.	O																								CS		
	A.9.e. Amendments to Instructions.	O																								NA		
	A.9.f. Amendments to MMRP.	O																								NA		
	A.10. Fees.	PC																								CS		
	B.1. Limitation/Prohibition on Uses.	O		√																								
	B.2. Approval	O																								CS		
	B.2.a. Landfill Definition.	O																								NA		
	B.2.b. Landfill Footprint.	O				X																						
	B.2.c. Ancillary Uses and Facilities.	O																										
	B.2.d. Phasing.	O																								NA		
	B.2.d. (1) Phase I	PC																								NA		
	B.2.d. (2) Phase II.	O																										
	B.2.d. (3) Phase III.	O																								NA		
	B.2.e. Open Space Mitigation Area	PO																								CS		
	B.3. Hours of Operation.	O		√																								
	B.4.a. Intake Rate City Landfill.	O		√																								
	B.4.b. Maximum Waste Intake Rate Combined Landfill	O		√			X																					
	B.4.c. Emergency (situational).	O																								NA		
	B.4.d. Inert/Exempt Materials	O		√			X																					

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	
Q-CONDITIONS	B.5.a. Prohibited Waste.	O		√			X				X				X	X	X											
	B.5.b. Waste Load Checking Program	PO		√			X				X			X		X	X					X						
	B.5.c. Unacceptable Waste Procedures (Pre-Ops-sign displayed only, Ops-situational).	O		√						X	X			X	X	X	X											
	B.5.d. No Hazardous Waste Disposal.	O		√			X			X	X			X	X	X	X											
	B.6.a. Waste Diversion. a) permittee shall not deposit waste which is required to be diverted or recycled	O																									NA	
	B.6.b. Waste Diversion. b) permittee shall maintain waste diversion and recycling facilities	O																									NA	
	B.7.a. Ceased Operation.	O																									NA	
	B.7.b. Cessation Limitations.	O																									NA	
	B.7.c. Parkland Consideration.	O																									NA	
	B.7.d. Closure Representation.	O																									NA	
	C.1. MRMP Incorporation.	PO																			X							
	C.2.a. Community Protection Program.	PC		√			X								X	X												
	C.2.b. Hotline/Emergency Log.	PC		√		X	X				X				X	X					X							
	C.2.c. Entry Signs.	PC				X																					X	
	C.2.d. Adequate Staffing.	PC																									NA	
	C.2.e. Hazardous Waste Round-up Cost (situational).	O																							X			
	C.3.a. Fugitive Dust.	PO				X		X		X		X	X							X			X	X				
	C.3.b. Working Face Size Restrictions.	O				X	X	X		X	X	X																

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	SK	IY	IY	SK	IY	IY	
Q-CONDITIONS		O			X		X				X																	
	C.3.c. Daily Cover Moistening.	O			X		X				X																	
	C.3.d. Active Cover Soil Moistening.	PO			X						X														X		X	X
	C.3.e. Soil Sealant Application.	O																										NA
	C.3.f. Exposed Dirt Monitoring	O																										NA
	C.3.g. Access Road Paving	PO										X													X			
	C.3.h. Access Road Surfacing (situational).	O																										NA
	C.3.i. Access Road Cleaning.	PO			X	X		X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	C.3.j. Dirt Road Watering	O			X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
	C.3.k. Watering Dusty Loads.	O																										NA
	C.3.l. Water Tank Maintenance.	O																							X			
	C.3.m. Wind Speed/Direction Monitoring (See MRMP-21)	PO		√																								
	C.4. Grading within Cut/Fill Boundaries.	PC		√	X																				X			
	C.5. Graffiti	PO		√																								
	C.6. Litter.	O			X		X				X							X				X					X	
	C.6.a. Patrol Access Road.	O																										NA
	C.6.b. Escorted Loads to Working Face to Control Litter.	O																										NA
	C.6.c. Access Roads Debris Cleanup.	O		√	X							X							X									
	C.6.d. Wind Shielded Working Face/Windy Periods.	O																										NA
C.6.e. Litter Control Fencing.	O				X		X	X	X		X	X	X	X	X	X	X		X	X	X		X	X	X	X		

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C2 REM Staff					SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY		
	C.6.f. Offsite Litter Control Program (Pre-Ops-Msg. to tarp loads).	O		√	X						X								X											
Q-CONDITIONS	C.7. Oak trees. a) Permittee must have necessary permits to remove oak trees	PC		√											X															
	C.7. Oak trees. b) native vegetation >50 ft above working elevation shall not be removed	PC		√											X															
	C.7. Oak trees. c) these conditions does not apply to unauthorized areas	PC		√											X															
	C.8. Revegetation. a) Final cut slopes shall not exceed an overall incline of 1.5:1	PC		√																										
	C.8. Renegotiation. b) LEA can implement changes to design	PC		√																										
	C.8. Renegotiation. c) temporary hydro seed	PC		√																										
	C.8. Renegotiation. d) Qualified biologist	PC		√																										
	C.8. Renegotiation. e) Typical cross-section	PC		√																										
	C.9. Riparian/Wetland habitat.	PC		√																										
	C.10.a. Air Quality Test Cost	PC																										NA		
	C.10.b (1) Onsite Tree Mitigation Buffer (PM-10)(One-year after operation).	O		√																										
	C.10.b. (2) Offsite Tree Mitigation (Third year).	O																										CS		
	C.10.c. Gas-to-Energy Evaluation (Annual).	O		√																										
	C.10.d. (1) Alternative Fuel Vehicles-At Operation Commencement	PO		√			X									X			X			NC	X							
	C.10.d. (2) Purchase Alternative Fuel Vehicles.	O																										NA		
	C.10.d. (3) All Alternative Fuel Vehicles-Transfers (3 years).	O																										NA		
	C.10.d. (4) All Alternative Fuel Vehicles (3 yrs)	O																										NA		

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C2 REM Staff					SK	IY	SK	IY	IY	IY	IY	SK	IY	IY	IY	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	IY		
	C.10.d. (5) six-year Alternative Fuel Plan.	O																										NA	
Q-CONDITIONS	C.10.d. (6) Alternative Fuel Pilot Program.	O																										NA	
	C.10.d. (7) Arco Diesel Program	PO																										NA	
	C.10.d. (8) Alternative Fuel Annual Evaluation (Every June 1 of Ops).	O		√																									
	C.10.e. Back-up Generator(s).	O																											
	C.11. Storm water Sample Results.	O		√																									
	C.12.a. Technical Advisory Committee	PC																										CS	
	C.12.b. TAC Meetings.	PC																										NA	
	C.12.c. Contract for Mitigation Monitoring.	PO																										CS	
	C.12.d. Site Access and Information.	PC																										NA	
	C.13.a. Community Advisory Committee.	PC																										NA	
	C.13.b. CAC Meetings.	PC		√																									
	C.13.c. CAC Requests to TAC	PO																										NA	
	C.13.d. TAC review of conditions	O																										NA	
	C.14. Video Monitoring Equipment	PO																										NA	
	D. Notice	O																										CS	

TABLE 1.0
CONDITIONS OF APPROVAL
TRACKING TABLE
SUNSHINE CANYON LANDFILL

[illegible]

**TABLE 1.0
CONDITIONS OF APPROVAL
TRACKING TABLE
SUNSHINE CANYON LANDFILL**

Condition of Approval Description	Initial Phase ⁽¹⁾	Ongoing Monitoring Required	Record Review of Submittals	TRACKED AND VERIFIED CONDITIONS FROM JUNE 1, 2010 THROUGH NOVEMBER 15, 2010																									
				6/4/2010	6/11/2010	6/18/2010	6/25/2010	7/2/2010	7/8/2010	7/16/2010	7/23/2010	7/30/2010	8/6/2010	8/12/2010	8/19/2010	8/30/2010	9/10/2010	9/17/2010	9/24/2010	9/30/2010	10/8/2010	10/15/2010	10/22/2010	10/28/2010	11/5/2010	11/12/2010	No Action Required during Semi-Annual Period		
C2 REM Staff				SK	IY	SK	IY	IY	IY	SK	IY	IY	IY	IY	SK	IY	IY	IY	SK	IY	IY	SK	IY	IY					

1). Pursuant to meetings between BFI, C2 REM, and the City, the Conditions of Approval have been organized into three phases: Pre-Construction (PC); Pre-Operations (that are not pre-construction) (PO); and Operations (O), and these are represented in this Phase column.

Legend:

NA	No Action
CS	Condition Satisfied
TE	Threshold Exceedance
NC	Non Compliance
	Ongoing Monitoring Required
	Pertains to Pre-Construction/ Pre-Operations Conditions

TABLE 2.0
LOG OF INDEPENDENT MONITOR SITE VISITS AND MEETINGS
JUNE 1, 2010 THROUGH NOVEMBER 15, 2010
SUNSHINE CANYON LANDFILL

Date	Type	C2 REM Personnel & Other	Document
06/04/2010	Site Visit	Stefan Klemm	Visitor's Register
06/11/2010	Site Visit	Ian Yusko	Visitor's Register
06/18/2010	Site Visit	Stefan Klemm	Visitor's Register
06/25/2010	Site Visit	Ian Yusko	Visitor's Register
07/02/2010	Site Visit	Ian Yusko	Visitor's Register
07/08/2010	Site Visit	Ian Yusko	Visitor's Register
07/16/2010	Site Visit	Stefan Klemm	Visitor's Register
07/23/2010	Site Visit	Ian Yusko	Visitor's Register
07/30/2010	Site Visit	Ian Yusko	Visitor's Register
08/06/2010	Site Visit	Ian Yusko	Visitor's Register
08/12/2010	Site Visit	Ian Yusko	Visitor's Register
08/12/2010	Oak Tree Mitigation Meeting	Edmond Bourke	Visitor's Register
08/19/2010	Site Visit	Ian Yusko	Visitor's Register
08/30/2010	Site Visit	Ian Yusko	Visitor's Register
09/10/2010	Site Visit	Stefan Klemm	Visitor's Register



TABLE 2.0
LOG OF INDEPENDENT MONITOR SITE VISITS AND MEETINGS
JUNE 1, 2010 THROUGH NOVEMBER 15, 2010
SUNSHINE CANYON LANDFILL

Date	Type	C2 REM Personnel & Other	Document
09/17/2010	Site Visit	Ian Yusko	Visitor's Register
09/24/2010	Site Visit	Ian Yusko	Visitor's Register
09/30/2010	Site Visit	Ian Yusko	Visitor's Register
10/08/2010	Site Visit	Stefan Klemm	Visitor's Register
10/15/2010	Site Visit	Ian Yusko	Visitor's Register
10/22/2010	Site Visit	Ian Yusko	Visitor's Register
10/28/2010	Site Visit	Stefan Klemm	Visitor's Register
10/28/2010	Landslide Assessment Meeting	Kent Vollmer, Stefan Klemm and Ben Husmand	Visitor's Register
11/04/2010	Community Action Committee (CAC) Meeting	Stefan Klemm and Kent Vollmer	Sign-In Sheet
11/05/2010	Site Visit	Ian Yusko	Visitor's Register
11/12/2010	Site Visit	Ian Yusko	Visitor's Register

TABLE 3.0
SUMMARY OF RECORD REVIEW
JUNE 1, 2010 THROUGH NOVEMBER 15, 2010
SUNSHINE CANYON LANDFILL

Date Received	Report/Document
Monthly	Sunshine Canyon Monthly Facility Inspection Checklist, May, June, July, August and September 2010.
Monthly	Monthly Report, Sunshine Canyon Landfill, (MRMP 46, 96, 119 and 125) SWFP No. 19-AA-2000, May, June, July, August and September 2010.
Monthly	Litter Clean-up Logs, May, June, July, August and September 2010.
Monthly	Emergency Hotline Logs, May 2010. (No longer received separately, included in Monthly Reports now)
Quarterly	Sunshine Canyon Landfill Rule 1150.1 Quarterly Monitoring Report, 1st and 2nd Quarter 2010.
Quarterly	Sunshine Canyon Landfill Status Report, 2nd and 3rd Quarters 2010.
Quarterly	Sunshine Canyon Landfill Newsletters dated July and October 2010.
Quarterly	Quarterly Vegetation Project Status Report 2nd and 3rd Quarters 2010, Sunshine Canyon Landfill.
03/12/2010	Groundwater and Waste Disposal Monitoring Report for the Second Semi-Annual Monitoring Period of 2009, Sunshine Canyon Landfill, dated February 15, 2010.
06/04/2010	Storm Water Pollution Prevention Plan, Sunshine Canyon Landfill, Sylmar, CA, revised September 21, 2007.
06/04/2010	Sunshine Canyon Perimeter Probe Monitoring Data dated May 24 and 27, 2010.
06/18/2010	Sunshine Canyon Perimeter Probe Monitoring Data dated June 14, 2010.



TABLE 3.0
SUMMARY OF RECORD REVIEW
JUNE 1, 2010 THROUGH NOVEMBER 15, 2010
SUNSHINE CANYON LANDFILL

Date Received	Report/Document
06/18/2010	Letter from Sunshine Canyon Landfill, to SCAQMD, <i>Re: Order of Abatement Status Report for Sunshine Canyon Landfill, Case No. 3448-13</i> dated May 28, 2010.
06/18/2010	Letter from Sunshine Canyon Landfill to LEA, <i>Subject: Perimeter Probe Gas Control Exceedance Pr-241-A, Facility No. 19-AA-200</i> dated June 2, 2010.
06/18/2010	Letter from Sunshine Canyon Landfill to LEA, <i>Subject: Perimeter Probe Gas Control Exceedance Pr-241-B, Facility No. 19-AA-200</i> dated June 15, 2010.
06/18/2010	Sunshine Canyon Perimeter Probe Monitoring Data dated June 15, 2010
06/21/2010	<i>Working Face Study Proposal</i> , Sunshine Canyon Landfill (related to Abatement Order), dated April 25, 2010.
06/21/2010	Letter from Compliance Plus to Sunshine Canyon Landfill, <i>Subject: Odor Consultation Findings</i> dated April 23, 2010.
06/21/2010	Letter from Sunshine Canyon Landfill to SCAQMD, <i>Subject: Submittal of Documents, 3/24/2010 Stipulated Order for Abatement, Facility ID 49111</i> dated May 24, 2010.
07/03/2010	Sunshine Canyon Executive Summary and Final Annual Report for Calendar Year 2009, Reporting Period July 1, 2009 through June 30, 2010, dated May 28, 2010.
07/08/2010	Letter from Zander Assoc. to ACOE, <i>Subject: Sunshine Canyon City Landfill Closure & Extension Projects Permit Nos 2002-00802-AOA & 203-00408-AOA</i> dated June 29, 2010.
07/08/2010	AtmAA Inc., Laboratory Analysis/Quality Assurance Summary for Probe 241B, Sunshine Canyon Landfill, report dated June 29, 2010.
07/08/2010	SWRCB, 2009-2010 Annual Report for Storm Water Discharges Associated with Industrial Activities
07/16/2010	Sunshine Canyon Landfill-City Perimeter Probe Monitoring Data (241B) dated June 24, 2010.
07/29/2010	Letter from Sunshine Canyon Landfill to LEA, <i>Subject: Perimeter Probe P-241A and P-241B; Notification of Exceedance Clearance Facility No. 19-AA-2000</i> , dated July 28, 2010.

TABLE 3.0
SUMMARY OF RECORD REVIEW
JUNE 1, 2010 THROUGH NOVEMBER 15, 2010
SUNSHINE CANYON LANDFILL

Date Received	Report/Document
07/29/2010	Sunshine Canyon City Surface Emissions Monitoring Forms, dates July 8, 2010 and July 16, 2010.
07/30/2010	Sunshine Canyon Landfill Oak Tree Mitigation Monitoring Report #5, dated July 2010.
07/30/2010	Second Quarter 2010 Report - Summary of Water Sources Sunshine Canyon City/County Landfill, SWFP No. 19-AA-2000, dated July 12, 2010.
07/30/2010	Sunshine Canyon Landfill - City and County Perimeter Probe Monitoring Data, July 26 and 27, 2010.
09/22/2010	Letter from Sunshine Canyon Landfill, <i>Subject: Perimeter Probe Gas Control Exceedance Probe P-241B and P-241C, Facility No. 19-AA-2000</i> dated September 22, 2010.
09/24/2010	Sunshine Canyon Landfill-City Perimeter Probe Monitoring Data dated September 20, 2010 and October 28, 2010.
09/30/2010	Sunshine City Landfill, Instantaneous Landfill Surface Monitoring dated April 6, 2010 and June 28, 2010.
09/30/2010	Sunshine Canyon City/County Landfill Surface Emissions Monitoring Forms, dated September 29, 2010.

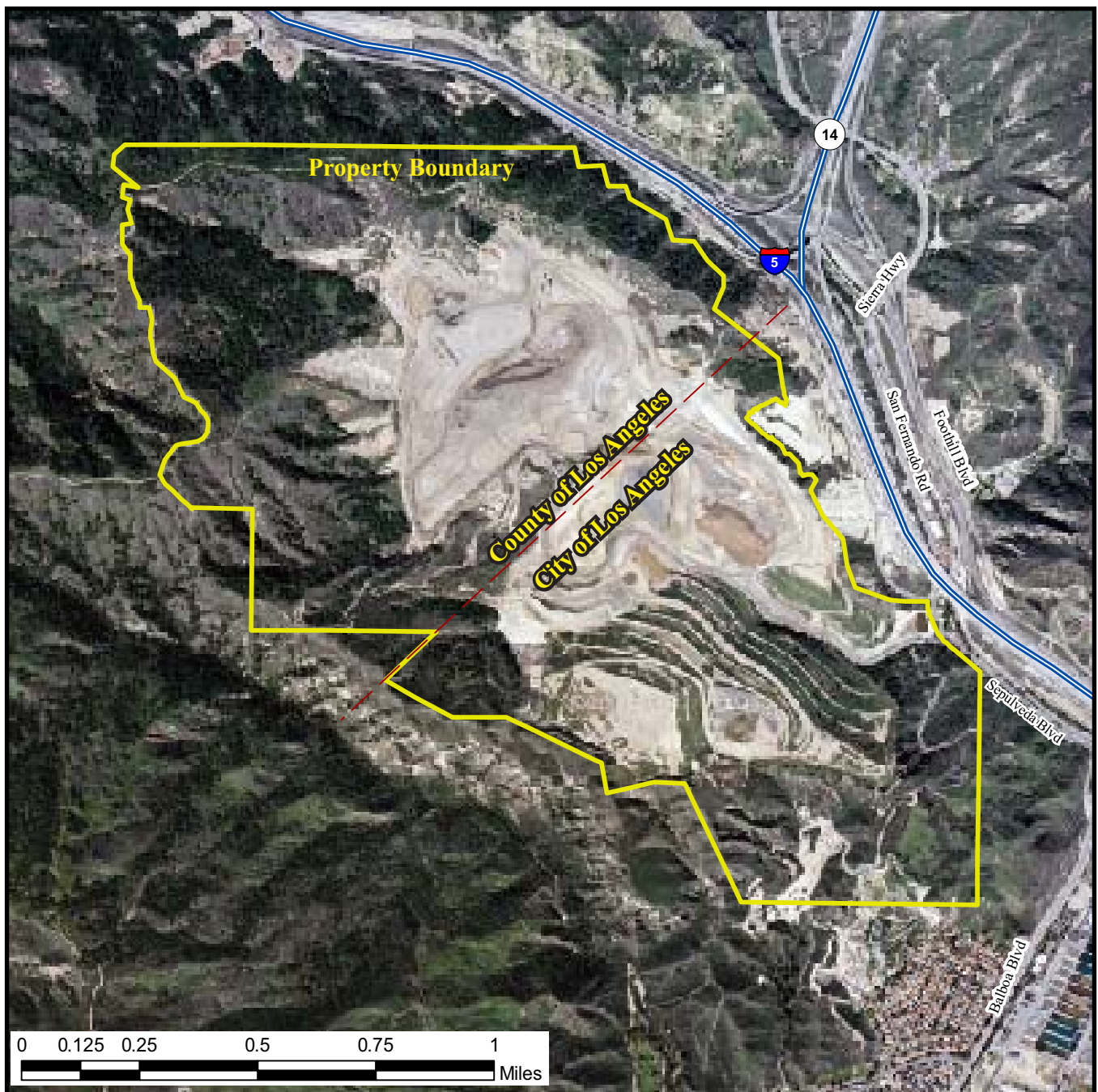


FIGURE 1.0

Site Location Map

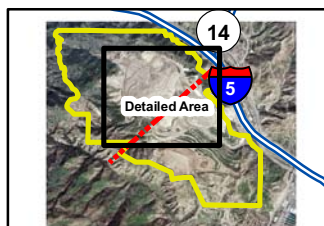
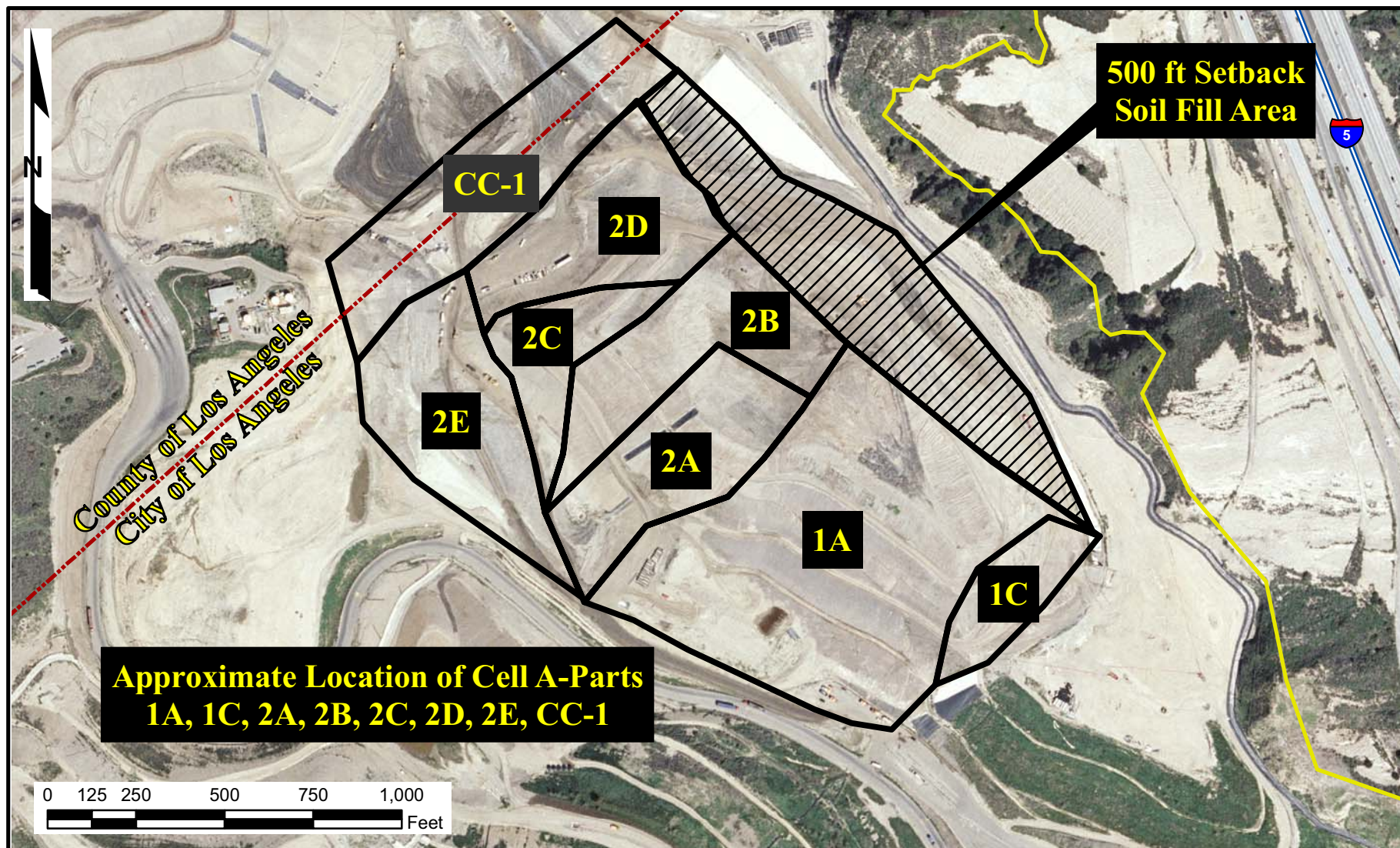
SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA



AN ENVIRONMENTAL MANAGEMENT & DEVELOPMENT COMPANY

NEWPORT BEACH, CALIFORNIA

949.261.8098



Legend


 Sunshine Canyon Landfill Property

FIGURE 2.0

Site Map

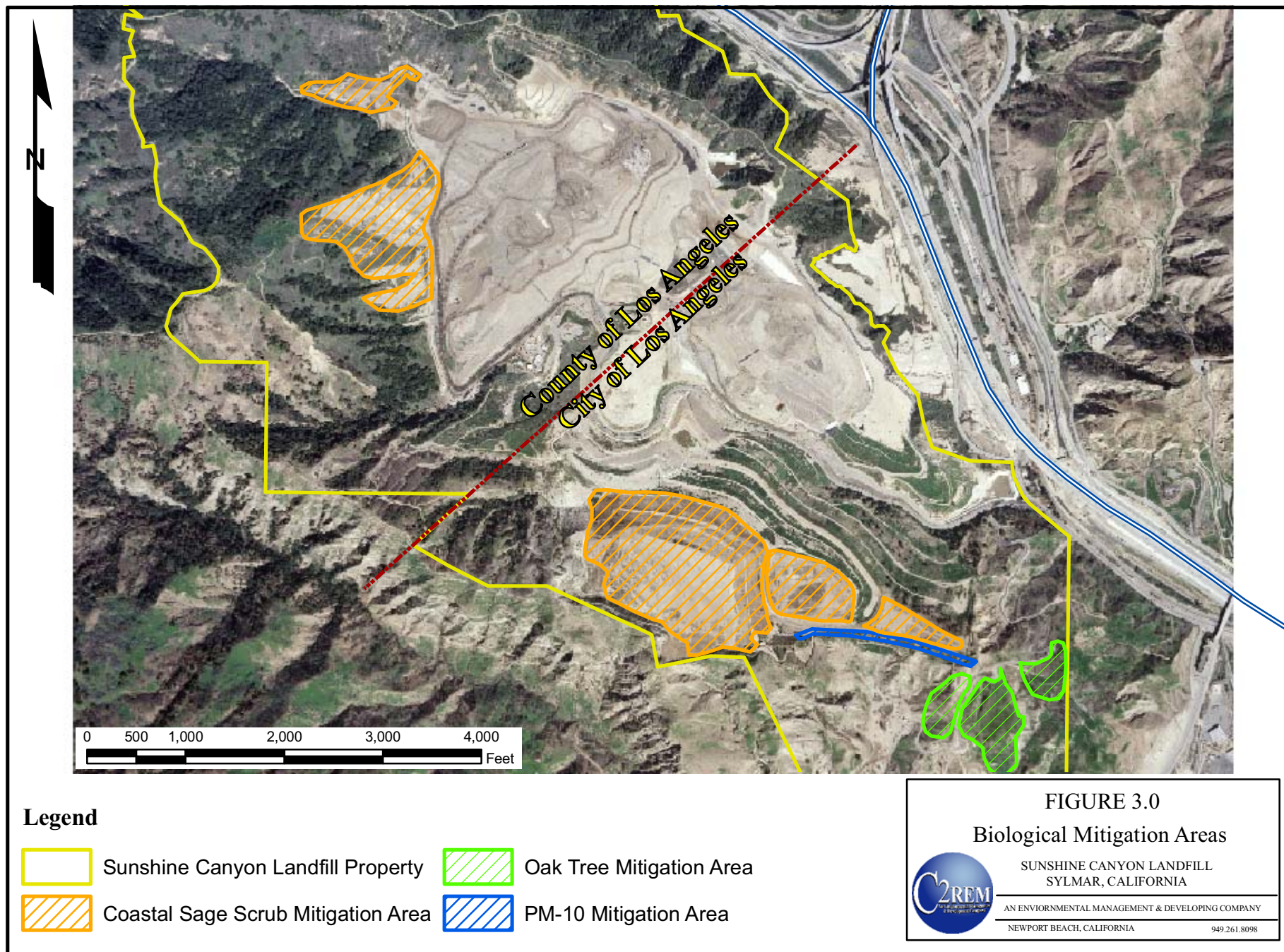
SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA



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NEWPORT BEACH, CALIFORNIA

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AREA OF INTEREST

FIGURE 4.0

ANCIENT LANDSLIDE COMPLEX

SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA



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NEWPORT BEACH, CALIFORNIA

949.261.8098



Legend

- Sunshine Canyon Landfill Property
- ➔ Approximate Origin and Direction of Photo

- 6.1 — Corresponding Photo Number
- Corresponding Figure Number

FIGURE 5.0

SITE VISIT PHOTO MAP - JUNE 2010

SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA



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NEWPORT BEACH, CALIFORNIA

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FIGURE 6.0
C2 REM Independent Monitor Site Visit
June 4, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of working face located in Cell CC-1.



Photo 2: Scraper removing soil from stockpile near leachate treatment system for daily cover.



Photo 3: Active water truck controlling dust.



Photo 4: Grading activities near secondary sediment basin.

FIGURE 7.0
C2 REM Independent Monitor Site Visit
June 11, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Bird's-eye view of the working face, Cell CC-1 (right) and the leachate treatment facility (left).



Photo 2: View of odor controls being implemented on the inactive portion of the City Landfill.



Photo 3: Earth-moving activities taking place above the active working face of Cell CC-1.



Photo 4: Refuse trucks waiting to empty loads at working face located at Cell CC-1.

FIGURE 8.0
C2 REM Independent Monitor Site Visit
June 18, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of tarped vehicle driving up main access road.



Photo 2: Scraper transporting soil for daily cover.



Photo 3: View of litter fences along haul road to working face.



Photo 4: View of working face located in Cell CC-1.

FIGURE 9.0
C2 REM Independent Monitor Site Visit
June 25, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of tarped vehicle driving up main access road.



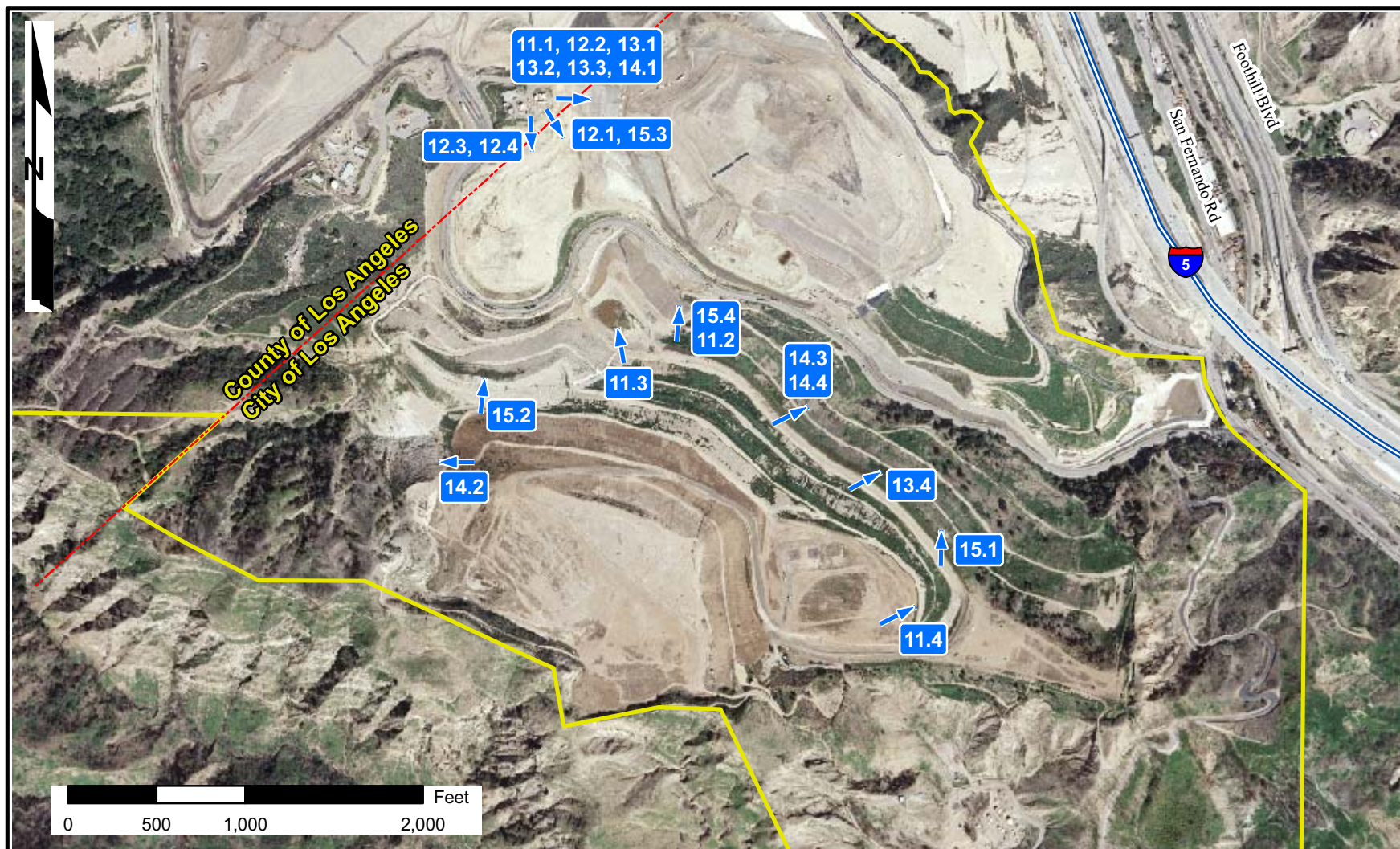
Photo 2: Water truck performing dust control duties on access roads below the working face.



Photo 3: View of litter fences along haul road to working face.



Photo 4: View of working face located in Cell CC-1.



Legend

- Sunshine Canyon Landfill Property
- ➔ Approximate Origin and Direction of Photo

- 11.1 — Corresponding Photo Number
- Corresponding Figure Number

FIGURE 10.0

SITE VISIT PHOTO MAP - JULY 2010

SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA



AN ENVIRONMENTAL MANAGEMENT & DEVELOPING COMPANY

NEWPORT BEACH, CALIFORNIA

949.261.8098

FIGURE 11.0
C2 REM Independent Monitor Site Visit
July 2, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of the wet weather deck with litter fences in place.



Photo 2: View of the working face located at Cell CC-1.



Photo 3: Scraper moving stockpiled soil to the working face for daily cover.



Photo 4: A view of the nursery and the flare station located on the inactive city-side of the landfill.

FIGURE 12.0
C2 REM Independent Monitor Site Visit
July 8, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of water trucks performing dust control duties on access roads to working face.



Photo 2: Observe compaction of waste taking place at the working face located at Cell CC-1.



Photo 3: Water truck spraying stockpiled soil and landfill slopes.



Photo 4: Scrapers transporting stockpiled soil to the working face to be used as daily cover.

FIGURE 13.0
C2 REM Independent Monitor Site Visit
July 16, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of working face located in Cell CC-1.



Photo 2: View of vehicles along access road preparing to unload at working face.



Photo 3: View of scraper spreading soil daily cover on waste.



Photo 4: View of working face located in southeast portion of Cell A Part 1.

FIGURE 14.0
C2 REM Independent Monitor Site Visit
July 23, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Waste being received in Cell A, Part 2 with tractors compacting the received waste.



Photo 2: Crew performing maintenance on LFG conveyance piping and wells located on city-side slope.



Photo 3: Tractor performing erosion control duties by spreading mulch along city-side slopes.



Photo 4: Water truck performing dust control duties on the inactive City Landfill roads.

FIGURE 15.0
C2 REM Independent Monitor Site Visit
July 30, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of waste being received at Cell A, Part 1C of the landfill.



Photo 2: Bird's-eye view of leachate treatment facility (left) and main working face (right) located at Cell CC-1.



Photo 3: Mulching activities taking place along the city-side slopes of the landfill to deter erosion.



Photo 4: Water truck performing dust control duties on road to Cell CC-1 working face.



Legend

- Sunshine Canyon Landfill Property
- ➔ Approximate Origin and Direction of Photo

- 17.1 — Corresponding Photo Number
- Corresponding Figure Number

FIGURE 16.0

SITE VISIT PHOTO MAP - AUGUST 2010



SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA

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NEWPORT BEACH, CALIFORNIA

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FIGURE 17.0
C2 REM Independent Monitor Site Visit
August 6, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Litter fences in place atop the City Landfill and mulch being placed against the slopes.



Photo 2: Water truck performing dust suppression while a scraper moves stockpiled soil.



Photo 3: View of scrapers applying daily cover (foreground) and view of the working face located at Cell CC-1 (background).



Photo 4: Daily operations taking place at working face located at Cell A, Part 1C.

FIGURE 18.0
C2 REM Independent Monitor Site Visit
August 12, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Site survey to check health of PM-10 mitigation trees.



Photo 2: View of oak trees being sheltered at the nursery located on the inactive City Landfill.



Photo 3: View of thriving trees in the Oak Tree Mitigation site area to the south.



Photo 4: View of oak trees in the mitigation area in good and poor health.

FIGURE 19.0
C2 REM Independent Monitor Site Visit
August 19, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of the landfill slopes being mulched to reduce erosion and facilitate vegetation growth.



Photo 2: Bird's eye view of working face activities taking place at Cell A, Part 1C.



Photo 3: Litter crew picking up debris near landfill entrance.



Photo 4: Routine street sweeping duties being performed at landfill entrance.

FIGURE 20.0
C2 REM Independent Monitor Site Visit
August 30, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of tractor spreading mulch and water truck spraying roads.



Photo 2: Bird's-eye view of the landfill's main sediment basin.



Photo 3: View of the leachate treatment facility (left) and the working face at Cell CC-1 (center).



Photo 4: A view of other working face activities taking place at Cell A, Part 1C.




Legend

- Sunshine Canyon Landfill Property
- ➔ Approximate Origin and Direction of Photo

- 22.1 — Corresponding Photo Number
- Corresponding Figure Number

FIGURE 21.0
SITE VISIT PHOTO MAP- SEPTEMBER 2010



SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA

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FIGURE 22.0
C2 REM Independent Monitor Site Visit
September 17, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of Cell CC-1 – no waste being received this date.



Photo 2: Constructed ramp on city-side for transport of excavated soil to new stockpile.



Photo 3: View of staging area (bottom) near new excavation site, located below the leachate treatment facility (center).



Photo 4: Water truck performing routine dust control on dirt access roads at the landfill.

FIGURE 23.0
C2 REM Independent Monitor Site Visit
September 24, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Construction crew performing demolition of tanks and equipment at the leachate treatment facility.



Photo 2: Scrapers transporting excavated soil across city-side of landfill to designated stockpile area.



Photo 3: View of the city-side working face located at Cell A, Part 2D.



Photo 4: View of vehicle staging area and scrapers excavating soils southeast of Cell A, Part 2E.

FIGURE 24.0
C2 REM Independent Monitor Site Visit
September 30, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of working face activities located at Cell A, Part 2D with litter fences in place.



Photo 2: Construction crew performing drilling operations in southwest corner of the excavation area.



Photo 3: Scrapers on the city-side of the landfill performing excavation and stockpiling activities.



Photo 4: Dozers grading near the leachate treatment facility.



Legend

- Sunshine Canyon Landfill Property
- Approximate Origin and Direction of Photo

- 26.1 — Corresponding Photo Number
- Corresponding Figure Number

FIGURE 25.0
SITE VISIT PHOTO MAP - OCTOBER 2010



SUNSHINE CANYON LANDFILL
SYLMAR, CALIFORNIA
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NEWPORT BEACH, CALIFORNIA 949.261.8098

FIGURE 26.0
C2 REM Independent Monitor Site Visit
October 8, 2010
Sunshine Canyon Landfill

Page 1 of 2



Photo 1: Excavation activities in Cell CC-2.



Photo 2: Removal of portion of leachate treatment system.



Photo 3: Excavation activities in Cell CC-2.



Photo 4: View of working face located in Cell A, Part 1.

FIGURE 26.0
C2 REM Independent Monitor Site Visit
October 8, 2010
Sunshine Canyon Landfill

Page 2 of 2



Photo 5: View of grading along sediment basin south of main access road.



Photo 6: Northeast view of working face in Cell A, Part 1.



Photo 7: View of accumulated soil in main sediment basin.



Photo 8: Grading activities near site entrance to facilitate relocation of leachate treatment system.

FIGURE 27.0
C2 REM Independent Monitor Site Visit
October 15, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Excavation area west of Cell A, Part 2E and south of Cell CC-1 – view of scraper moving soil to working face as cover.



Photo 2: View of wind monitoring device operating during construction activities.



Photo 3: Observed work crew performing drilling activities on-site.



Photo 4: Street sweeper performing daily access road cleaning duties.

FIGURE 28.0
C2 REM Independent Monitor Site Visit
October 22, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Maintenance on main access road (foreground) to county scale-house excavation area in background.



Photo 2: Maintenance crew installing perimeter fencing on slopes along the inactive city-side of the landfill.



Photo 3: Conducting activities at the working face located in Cell A, Part 1A.



Photo 4: Observed grading and dust control activities along city-side inactive landfill slopes.

FIGURE 29.0
C2 REM Independent Monitor Site Visit
October 28, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: North view of tension crack within ancient landslide deposits along temporary slope south of Leachate Collection Treatment Facility (LCTF).



Photo 2: East view of cracks within landslide deposits along temporary slope south of LCTF.



Photo 3: Tension crack observed along temporary slope southeast of LCTF.



Photo 4: Tension cracks along temporary slope southeast of main access road.



Legend

- Sunshine Canyon Landfill Property
- ➡ Approximate Origin and Direction of Photo

- 31.1 — Corresponding Photo Number
- Corresponding Figure Number

FIGURE 30.0
SITE VISIT PHOTO MAP - NOVEMBER 2010



SUNSHINE CANYON LANDFILL
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FIGURE 31.0
C2 REM Independent Monitor Site Visit
November 5, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: View of excavation activities for new Cell CC-2 near main access road.



Photo 2: Observe working face activities taking place in Cell A, Part 1 and Cell A, Parts 2A and 2B.



Photo 3: Observe maintenance crew removing all sediment and debris from main sediment basin.



Photo 4: Observe BFI landscaping crew replacing dead oaks at the Oak Tree Mitigation Area.

FIGURE 32.0
C2 REM Independent Monitor Site Visit
November 12, 2010
Sunshine Canyon Landfill

Page 1 of 1



Photo 1: Current view of leachate treatment facility that is soon to be demolished and relocated on-site.



Photo 2: Working face activities being conducted in Cell A, Part 2A, B and C with litter fences in place.



Photo 3: Scrapers excavating to reduce load slope and moving soil for daily cover.



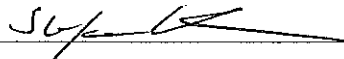
Photo 4: View of a water truck performing dust control duties along scraper's main haul route.

APPENDIX A



FIELD DAILY REPORTS AND SITE VISITATION LOGS

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 2
PROJECT NUMBER: 02-103	DATE: June 4, 2010
WEATHER: 70°, sunny	DAY:
C2 REM PERSONNEL: Stefan Klemm	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:	
9:15 am: arrive on-site	
<ul style="list-style-type: none"> - met w/ Becky Vandick (BFI) and received/reviewed the following: <ul style="list-style-type: none"> • May Hotline Logs • May Monthly Facility Checklist • May Litter Cleanup Crew Logs • May Perimeter Probe Monitoring Results • 1st Qtr 1150.1 Report • Copy of Facility SWPPP • Discussed sewer leak status: NO New action or requests from RWQCB subsequent to BFI sending Report • Requested update on Coastal Sage Scrub - Becky to look into status 	
<ul style="list-style-type: none"> - spoke with Susan Jennings (BFI) and received status on following: <ul style="list-style-type: none"> • BFI currently installing new landfill gas collection wells on both county and city side • Update on Hay Waste Round-up BFI required to fund → City has not submitted an Invoice/Bid yet. • Soil stockpile being moved near leachate hill, some capping of slope/native material has been done → Archeo/Paleo monitors were present when required. • BFI is in process of receiving permits to relocate leachate treatment systems and anticipates beginning process soon • Helipads were recently inspected by City pursuant to grading permits 	
2. NON-COMPLIANCE/THRESHOLD EXCEEDANCE ISSUES:	
MAMP - 34a - "Perimeter Probe Monitoring "Threshold Exceedance" reviewed monitoring results and observed an exceedance at City perimeter probe. During re-monitoring, a second exceedance was observed. Condition shall remain a Threshold Exceedance until re-monitoring verifies no exceedance.	
PREPARED BY: Stefan Klemm	SIGNED: 

**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 2 OF 2
PROJECT NUMBER: 02-103	DATE: 6/4/10
WEATHER:	DAY:
C2 REM PERSONNEL: Stefan Klemm	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC:	
<ul style="list-style-type: none">- Tour facility and observe:<ul style="list-style-type: none">- Working tree located in cell CC-1 (approx 2-3 acres in size)- Observe water trucks for dust control- All vehicles have tarps- Litter/odor control measures in place- Observe soil being removed from stockpile area near leachate hill to be used as daily cover- Observe street sweeps- Observe some grading activities near secondary settlement basin	
2. NON-COMPLIANCE/THRESHOLD EXCEEDANCE ISSUES:	
PREPARED BY: _____ SIGNED: S. Klemm	

C2 REM
SITE VISITATION LOG
SUNSHINE CANYON LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: June 4, 2010
WEATHER:		
C2 REM PERSONNEL: Stefan Klemm		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
Q-C.2.b	Record Review	May Hotline Logs
M-109, 112c	a & b	Litter Clean-up Logs
Q-C.6.c. + f.		"
M-113-122, 124-126		Monthly Facility Checklist
94, 96-105, 36-39		"
43, 45, 158		"
M-34 b-c		1150.1 Report
M-40-42		Facility SWPPP
M-60-63	Discuss with site supervisor	Coastal Sage Scrub
M-52, 35, 130		LFG Wells
Q-C.2.c.		Haz Waste Round-ups
M-184, 188		Grading / Hike Pelco
M-50, 51	a & b	Leachate Treatment
M-1, 2, 4, 5	Observation	Grading
M-24a, 25a,		Air Quality
M-26b		"
M-1, 27a		Working Face
M-28a+b, 29-31		"
M-57		Dust Control
M-106a, Q-C.6		Litter Control
Q-C.3.a-d, i, j		Dust Control
Q-C.4		Grading
M-44, 46a & b.		
NON-COMPLIANCE/THRESHOLD EXCEEDANCE CONDITIONS OF APPROVAL:		
M-34a	Threshold Exceedance	Perimeter Probe

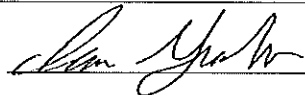
(f) Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by :

Signature: [Signature] Date: 6/14/10
Entered Data: [Signature] Date: 6/14/10
QA/QC: [Signature] Date: 6/14/10

**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 6/11/10
WEATHER: Mid 80s, 5 mph winds, sunny, smog		DAY: Friday
C2 REM PERSONNEL: Ian Yusko (1)		
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:		
9:45 am: Arrive On-Site		
- Drive to Administration Building		
- Sign-In to Visitor's Register		
- No documents in designated drop box		
- Becky VanSickly and Susan Jennings were out of the office when I conducted my Site visit		
- Received no documents during visit		
- Tour facility and observe:		
-waste being received at Cell CC-1.		
-scrapers and tractors performing earth-moving activities atop the wet weather deck.		
-street sweeper performing duties along main access road to City scalehouse.		
-compaction of waste at the working face by dozers.		
-water trucks performing dust control activities at working face and along dirt access roads.		
-litter fences in place around working face.		
-dozer performing grading and earth-moving activities around 500 ft. setback area.		
-odor controls operating on the inactive portion of the City landfill to suppress possible odors.		
-work crew performing maintenance on LFG collection piping and probes on inactive portion of City landfill.		
2. NON-COMPLIANCE ISSUES:		
MRMP 34.2. -threshold Exceedance Perimeter Probe Monitoring - condition still exists following Re-Monitoring.		
PREPARED BY: Ian Yusko		SIGNED: 

[illegible]

~~SECRET~~

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: June 18, 2010
WEATHER: overcast, 65 °	DAY:
C2 REM PERSONNEL: Stefan Klemm	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:	
9:15 am: arrive on-site	
Tour facility and observe the following:	
<ul style="list-style-type: none"> - Working face (approx 2-3 acres) located in Cell CC-1 - Observe litter clean-up crews along access roads and working faces - Litter fences are in place - Observe water trucks - Did not observe and/or detect any odor/litter issues - No earthworks/grading currently occurring 	
Met w/ Becky Vandsickle (RFI) and received the following items or updates:	
<ul style="list-style-type: none"> - Indicated that facility has not received any MOVs since last site visit. - Reviewed Waste Load Check Log Book for Month of May - Reviewed June Perimeter Probe Monitoring Results - Received Monthly Report to LEA for May - Review May Monthly AET Fueling Logs - Review Update on Odor Abatement Program 	
2. NON-COMPLIANCE/THRESHOLD EXCEEDANCE ISSUES:	
Threshold Exceedance - MRMP-34a (Perimeter Probe Monitoring) A review of monitoring results indicated an exceedance at P-241 B during June Monthly Monitoring Event on 6/14/2010. Shall remain in this designation until re-monitoring shows no exceedances.	
PREPARED BY: Stefan Klemm	SIGNED: Sup 12

C2 REM
SITE VISITATION LOG
SUNSHINE CANYON LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE: 1 OF 1
PROJECT NUMBER: 02-103		DATE: 6/18/2010
WEATHER:		
C2 REM PERSONNEL: Stefan Klemm		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
M-24g	Observation	Air Quality
M-28e	↓	"
M-26b		"
M-27a		Working face
M-30, 31		Operations
M-57		Dust Control
M-106a		Litter Control
M-107, 108		"
M-111		Radio Dispatch
M-112a, c, e		Litter
Q-C.2.b		Record Review
Q-C.3.a-d, j	Observation	Dust Control
Q-C.6	"	Litter Control
M-29	Record Review	Order Abatement Update
M-58, 87, 90	↓	Waste Load Check Logs
M-91, 92, 93		"
M-95, Q-B.5.a		"
Q-B.5.b, d		"
Q-C.10.d.(1)		Air Fuel Logs
Q-B.4.b+d,		Monthly Report Cert
		"
		"
		"
M-128, 129, Q-C.2.a		↓
NON-COMPLIANCE/THRESHOLD EXCEEDANCE CONDITIONS OF APPROVAL:		
MRMP-34a	Threshold Exceedance	Perimeter Monitoring Probes

(1) Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by:

Signature

Date

Entered Data:

C2 REM Administrative Staff


Date

QA/QC

C2 REM Staff

Date

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 6/25/10
WEATHER: Low 80s, 5 mph winds, sunny, smog	DAY: Friday
C2 REM PERSONNEL: Ian Yusko)	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:	
9:30 am: Arrive On-Site	
- Drive to Administration Building	
- Sign-In to Visitor's Register	
- No documents in designated drop box	
- Spoke with Becky VanSickle and Susan Jennings about Site updates	
- Received no documents during visit (necessary BFI staff was not in the office to provide remonitoring results from perimeter probe 241B exceedance observed on June 14, 2010 - C2 REM will follow-up with BFI staff during next site visit)	
- Tour facility and observe:	
-waste being received at Cell CC-1.	
-work crew picking up trash off-site along Sepulveda Blvd.	
-street sweeper performing duties along main access road to City scalehouse.	
-compaction of waste at the working face by dozers.	
-water trucks performing dust control activities at working face and along dirt access roads.	
-litter fences in place around working face.	
-grading and earth-moving activities taking place along 500 ft. setback area in the southeast portion of the Site.	
-work crew performing maintenance on LFG collection piping and probes along City landfill slopes.	
2. NON-COMPLIANCE ISSUES:	
MRMP- Threshold Exceedance of 241-B on 6/15/10 Resulted in Remonitoring on 6/24/10 - still an exceedance.	
PREPARED BY: <u>Ian Yusko</u>	SIGNED: 

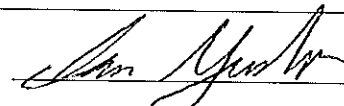
PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 6/25/10
WEATHER: Low 80s, 5 mph winds, Sunny, Smog	

[illegible][illegible]

C2 REM Stagn

red by: [Signature] 6/29/10
Signature Date
ed Data: [Signature] 7/15/10
C2 REM Administrative Staff Date
[Signature] 7.22.10
C2 REM Staff

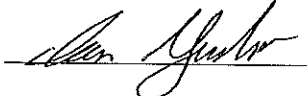
C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 7/2/10
WEATHER: 85 degrees F, 8-12 mph winds, sunny	DAY: Friday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:	
9:00 am: Arrive On-Site	
- Drive to Administration Building	
- Sign-In to Visitor's Register	
- No documents in designated drop box	
- Spoke with Susan Jennings about Site updates including perimeter well exceedances and sampling protocol/speciation	
- Received copy of SVE well figure for probe control well (PCW) 241 to be installed soon by BFI to hopefully alleviate perimeter threshold exceedances occurring at PW 241.	
- Tour facility and observe:	
-waste being received at Cell CC-1.	
-scrappers transporting stockpiled soil to the working face for use as daily cover.	
-mulch being spread along City landfill slopes as an erosion prevention measure.	
-compaction of waste at the working face by dozers.	
-water trucks performing dust control activities at working face and along dirt access roads.	
-litter fences in place around working face.	
-flare station located on inactive City landfill in operation.	
-nursery location and trees being tended to under shade tent on inactive City portion of the landfill	
2. NON-COMPLIANCE ISSUES:	
MRMP 342 - 241B: still in exceedance following remonitoring on 7/1/10, threshold exceedance. MRMP 34d - "4E" still exists following 6/28/2010 monitoring event.	
PREPARED BY: <u>Ian Yusko</u>	SIGNED: 

[illegible]

Signature Alan Hunter Date 7/9/10
C2 REM Administrative Staff
Signature Paul Boyton Date 7/21/10
C2 REM Staff
Signature Will Date 7.22.10
C2 REM Staff

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 7/8/10
WEATHER: 78 degrees F, 7-11 mph winds, sunny	DAY: Thursday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC:	
10:30 am: Arrive On-Site	
- Drive to Administration Building	
- Sign-In to Visitor's Register	
- No documents in designated drop box	
- Spoke with Patty, BFI staff, about Site updates including PCW 241 installation status and updates re: perimeter exceedances and received copy of letter from Patty dated June 15, 2010 re: perimeter update to City LEA and received lab analysis conducted on 6/15/10 for probe 241B	
- Spoke with Becky VanSickle, BFI staff, about Site updates and received copy of 2009-2010 Storm Water Discharge Annual Report, June 2010 Alt. Fuel Logs, and the June 2010 Monthly Facility Inspection Checklist.	
- Tour facility and observe:	
-waste being received at Cell CC-1.	
-scrapers transporting stockpiled soil to the working face for use as daily cover.	
-street sweeper performing duties along main access road.	
-compaction of waste at the working face by dozers.	
-water trucks performing dust control activities at working face and along dirt access roads.	
-litter fences in place around working face.	
-water trucks performing erosion control duties by spraying inactive landfill slopes.	
2. NON-COMPLIANCE ISSUES:	
MRMP 342 - exceedance still exists on 241 b MRMP 342 - FZ following 6/28/2010 monitoring event.	
PREPARED BY: <u>Ian Yusko</u>	SIGNED: 

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 7/8/10
WEATHER: 78 degrees F, 7-11 mph winds, sunny		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 6	Review documentation	Revegetation/Erosion Control/Intercept Ditches
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 26c	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 34.a	Review documentation	Perimeter Probe Installation
MRMP 34.e	Review documentation	Perimeter Probe Monitoring/Sampling
MRMP 36	Review documentation	Design Review/ Surface Runoff - Closed Cells
MRMP 37 2.	Review documentation	Design Review/ Surface Runoff - Active Cells
MRMP 38 2.	Review documentation	Permanent Bench Drainage Ditches
MRMP 39	Review documentation	Permanent and Temporary Drainage
MRMP 40	Review documentation	SWRCB's Stormwater Permit
MRMP 41 2	Review documentation	Design Review/ Surface Water Collection System
MRMP 42	Review documentation	Monitoring Water Quality of Sedimentation Basin
MRMP 43	Review documentation	Cleaning of Sedimentation Basin
MRMP 45	Review documentation	Erosion Control Plan
MRMP 46 2.	Review documentation	Preventative Maintenance Program for Stormwater
MRMP 94	Review documentation	Spill Response Program
MRMP 96-105	Review documentation	Monitoring of Vector Activities
MRMP 112e	On-site observation	Working Face Litter Fences
MRMP 113	Review documentation	IIP Program
MRMP 114	Review documentation	Regular Periodic Inspections
MRMP 115	Review documentation	Inspection Checklist
MRMP 116	Review documentation	Preparation of an Inspection Report
MRMP 117 246	Review documentation	Employee H&S meetings
MRMP 118	Review documentation	OSHA Log Reqs.
MRMP 119	Review documentation	First Aid Kits
MRMP 120	Review documentation	Emergency Action Plan
MRMP 121	Review documentation	Fire Prevention Plan
MRMP 122	Review documentation	Lockout/Tagout Reqs.
MRMP 124	Review documentation	City of L.A. Municipal Code Safety Ordinance Compliance
MRMP 125	Review documentation	Perimeter Fencing
MRMP 126	Review documentation	Equipment Properly Maintained
MRMP 158	Review documentation	Fire Extinguishers in Equipment
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
Q-C.10.d (8)	Review documentation	Alt. Fuel Vehicle Compliance
Q-C.11	Review documentation	Storm Water Sampling
NON-COMPLIANCE CONDITIONS OF APPROVAL:		
MRMP 34A - Exceedance still exists ON 241B, "TE"		
MRMP 34J - TE still exists		

- Example Comments
- * Review design documentation
 - * Meeting with the City
 - * Interviews/discussions with site personnel
 - * Review onsite records
 - * Meetings with site supervisors/managers
 - * Review of analytical data
 - * Review field generated documentation
 - * Onsite photographs
 - * Observations
 - * Other

Prepared by: Ian Yusko 7/14/10
Signature Date

Entered Data: Julia Sykes 7/29/10
C2 REM Administrative Staff Date

QA/QC: Uy 7/30/10
C2 REM SMT Da

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: July 16, 2010
WEATHER:	DAY:
C2 REM PERSONNEL: Stefan Klemm	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.	
9:45: arrive on-site	
<ul style="list-style-type: none"> - met with Becky VanSickle and Patty (BFI) to discuss landfill gas issues and to receive updated docs including: <ul style="list-style-type: none"> - Perimeter Probe Monitoring Results - 7 Monthly Report to LEA - Litter Survey's - Waste Load Checks - New wells have been installed in areas where exceedance detected at perimeter - Tour facility and observe: <ul style="list-style-type: none"> - Observe 2 working faces (approx 1-3 acres each) located in Cell CC-1 and on southwest side of Cell A Part I. - Observe water trucks - Litter/Debris/Odor control measures in place - All vehicles have tarps - Observe litter clean-up crews along access roads and working face - Litter Pickers are in position around working face - Scrapers are dumping soil for daily cover - Discussed the following issues related to landfill gas monitoring w/ Becky and Patty: <ul style="list-style-type: none"> - monitoring inside building - monitoring during excavation and trenching - need for back-up generators for flare system - All of the above mentioned items are in place as required. 	
2. NON-COMPLIANCE ISSUES:	
MRMP 342 - Exceedance still exists on well 241b.	
PREPARED BY: Stefan Klemm	SIGNED: <i>[Signature]</i>

C2 REM
SITE VISITATION LOG
SUNSHINE CANYON LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 7/16/10
WEATHER:		
C2 REM PERSONNEL: <u>Stetson Klemm</u>		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
M-34 a-e, 35	Discuss with site managers	Landfill Gas Monitoring
M-128-130, 133	↓	"
Q-C. 10.e	↓	"
M-109, M-110	a+b Record Review	Litter Clean-up Logs
M-112 c, Q-C. 6.c	↓	"
Q-C. 6.f	↓	"
Q-B. 5. b.c, +d	Record Review	Monthly Report to LEA
Q-B. 2.b, +c	↓	"
M-53,	↓	"
Q-C. 10.d, 8	Record Review	Waste Load Checks
M-58, 87, 90	↓	"
M-91, 92, 93	↓	"
M-95, Q-B. 5.a	↓	"
M-57	Observation	Dust Control
M-106 a, 108	↓	Litter Control
Q-C. 3. a-d, j	↓	Dust Control
Q-C. 6	↓	Litter
M-25 e	↓	Air Quality
M-26 b	↓	Clean Access Roads
M-27 a	↓	Working Face
M-28 a+b, M-29-31	↓	Operations
NON-COMPLIANCE/THRESHOLD EXCEEDANCE CONDITIONS OF APPROVAL:		
+E - MPMP 342 - Exceedance still exists ON 241 b.		

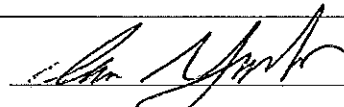
(1) Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by:

Signature: [Signature] Date: 7/28/10
 Entered Data: [Signature] Date: 7/30/10
 QA/QC: [Signature] Date: 7/30/10

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

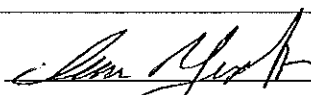
PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 7/23/10
WEATHER: 80 degrees F, 5-10 mph winds, sunny	DAY: Friday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.	
9:45 am: Arrive On-Site	
- Drive to Administration Building	
- Sign-In to Visitor's Register	
- No documents in designated drop box	
- Spoke with Susan Jennings briefly about Site updates	
- Tour facility and observe:	
-waste being received at Cell A, Part 2.	
-tractor performing erosion control duties by spreading mulch along City-side slopes.	
-maintenance crews clearing surface drainage ditches of debris and sediment.	
-compaction of waste at the working face by dozers.	
-water trucks performing dust control activities at working face and along access roads.	
-litter fences in place around working face.	
-proper and adequate signs in place for truck traffic in and out of the landfill.	
-maintenance crews repaving the main access road into the landfill.	
-crews maintaining LFG conveyance piping & monitoring wells along City-side slopes.	
2. NON-COMPLIANCE ISSUES:	
MBMP 342 - threshold exceedance still ongoing	
At 241 b.	
PREPARED BY: Ian Yusko	SIGNED: 

[illegible]

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: John York 7/29/10
Signature _____ Date _____
Entered Data: John York 8/3/10
C2 REM Administrative Staff _____ Date _____
QA/QC Willie 8/4/10
C2 REM Staff _____ I _____

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE	1	OF	1
PROJECT NUMBER: 02-103		DATE: 7/30/10			
WEATHER: 80 degrees F, 6 mph winds, sunny		DAY: Friday			
C2 REM PERSONNEL: Ian Yusko					
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.					
9:45 am: Arrive On-Site					
- Drive to Administration Building					
- Sign-In to Visitor's Register					
- No documents in designated drop box					
- Spoke with Becky VanSickle, BFI staff, about Site updates and received copy of 2009 Oak Tree Mitigation Area Monitoring Report, copy of the 2nd Quarter 2010 Leachate Summary Report, and a copy of the July 2010 Perimeter Probe Monitoring results					
- Tour facility and observe:					
-waste being received at Cell CC-1 and at Cell A, Part 1C.					
-scrapers transporting stockpiled soil to the working faces for use as daily cover.					
-street sweeper performing duties along main access road.					
-compaction of waste at the working face by dozers.					
-water trucks performing dust control activities at working face and along dirt access roads.					
-litter fences in place around working face.					
-mulching activities taking place along City-side landfill slopes.					
-litter cleanup crews picking up trash outside of the landfill.					
2. NON-COMPLIANCE ISSUES:					
PREPARED BY: Ian Yusko					
SIGNED: 					

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 7/30/10
WEATHER: 80 degrees F, 6 mph winds, sunny		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 6	On-site observation	Revegetation/Erosion Control/Intercept Ditches
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 26c	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 34e.	Review monitoring results	Perimeter Probe Monitoring/Sampling
MRMP 50b.	Review documentation	Leachate Sampling, Testing, & Discharge
MRMP 72-82	Review documentation	Tree Mitigation Conditions
MRMP 109a.	Off-site observation	Litter Pickup outside of LF
MRMP 112e	On-site observation	Working Face Litter Fences
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

(1) Example Comments

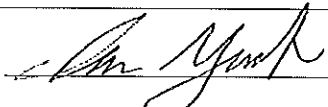
- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: *Ian Yusko* 8/2/10
Signature Date

Entered Data: *[Signature]* 8/3/10
C2 REM Administrative Staff Date

QA/QC: *[Signature]* 8/4/10
C2 REM Staff

**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 8/6/10
WEATHER: 78 degrees F, 8 mph winds, clear	DAY: Friday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC:	
9:45 am: Arrive On-Site	
- Drive to Administration Building	
- Sign-In to Visitor's Register	
- No documents in designated drop box	
- Spoke with Susan Jennings, BFI staff, about Site updates: grading activities are tentatively scheduled to commence at the landfill in the beginning of September '10 and activities will cease no later than October 30th 2010.	
- Spoke with Becky VanSickle, BFI staff, and received a copy of the July 2010 Monthly Facility Inspection Checklist and a copy of the daily litter clean-up forms for July 2010. I also reviewed the Daily Waste Vehicle Load Checks for July 2010.	
- Tour facility and observe:	
-waste being received at Cell CC-1 and at Cell A, Part 1C.	
-scrapers transporting stockpiled soil to the working faces for use as daily cover.	
-street sweeper performing duties along main access road.	
-compaction of waste at the working face by dozers.	
-water trucks performing dust control activities at working face and along dirt access roads.	
-litter fences in place around working face.	
-mulching activities taking place along City-side landfill slopes.	
2. NON-COMPLIANCE ISSUES:	
PREPARED BY: Ian Yusko	SIGNED: 

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 8/6/10
WEATHER: 78 degrees F, 8 mph winds, clear		
C2 REM PERSONNEL: Ian Yusko)		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 1	Discussion with Site personnel	Grading meets Regs.
MRMP 20.26b.	On-site observation	Cleaning of Paved Access Roads
MRMP 26c	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 46 2	Review documentation	Preventative Maintenance Program for Stormwater
MRMP 91	Review documentation	Implement Hazardous Waste Checking Program
MRMP 96	Review documentation	Vector Activity Monitoring
MRMP 109 2.	Review documentation	Clean-up Crews
MRMP 119	Review documentation	First-Aid Kits
MRMP 112e	On-site observation	Working Face Litter Fences
MRMP 125	Review documentation	Perimeter Fencing
Q-B.5.b	Review documentation	Comprehensive Waste Load Checking Program
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
NON-COMPLIANCE CONDITIONS OR APPROVAL:		

(1) Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by :

Signature

8/11/10
Date

Entered Data:

C2 REM Administrative Staff

8/19/10
Date


QA/QC

C2 REM Staff

8/24/10
Date

1

**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 8/12/10
WEATHER: 80 degrees F, 7 mph winds, sunny	DAY: Thursday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC:	
9:30 am: Arrive On-Site with Ed Bourke, C2 REM	
- Drive to Administration Building	
- Sign-In to Visitor's Register	
- No documents in designated drop box	
- Ed Bourke in Oak Tree meeting with Ly Lam and Marc Woerschling, Dept. of City Planning, Ron Lorenzen, Dept. of Public Works, UFD, Susan Jennings, BFI, Becky VanSickle, BFI, and Maria Gutzeit, Compliance Plus.	
- Spoke with Susan Jennings, Becky VanSickle, and Maria Gutzeit regarding Site updates during Site tour (all meeting participants took tour) but did not receive any documents during this Site visit	
- Tour facility and observe:	
-waste being received at Cell A, Part 1C.	
-scrapers transporting stockpiled soil to the working faces for use as daily cover.	
-street sweeper performing duties along main access road.	
-compaction of waste at the working face by dozers.	
-water trucks performing dust control activities at working face and along dirt access roads.	
-litter fences in place around working face.	
-PM-10 areas and overall health of trees.	
-Oak Tree Mitigation areas and overall health of trees.	
-nursery area and overall health of trees at nursery.	
-proposed location of new leachate treatment facility on-site.	
2. NON-COMPLIANCE ISSUES:	
PREPARED BY: Ian Yusko	SIGNED: 

C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 8/12/10
WEATHER: 80 degrees F, 7 mph winds, sunny		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS ⁽¹⁾	DESCRIPTION
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 26c	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 72-82	Meeting with City and Site supervisors	Tree Mitigation Conditions
MRMP 112e	On-site observation	Working Face Litter Fences
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
Q-C.7 (c) & (b)	Meeting with City and Site supervisors	Oak Trees
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

⁽¹⁾ Example Comments

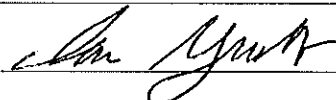
- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: *Ian Yusko* 8/18/10
Signature Date

Entered Data: *Julia Syn* 9/2/10
C2 REM Administrative Staff Date

QA/QC: *W. Lee* 9/2/10
C2 REM Staff

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 8/19/10
WEATHER: 81 degrees F, 2-5 mph winds, clear	DAY: Thursday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC:	
10:30 am: Arrive On-Site	
- Drive to Administration Building	
- Sign-In to Visitor's Register	
- No documents in designated drop box	
- Spoke with Becky VanSickle and Maria Gutzeit about Site updates and received a copy of July 2010 Monthly Report to LEA and reviewed a	
the 2nd Quarter 2010 Landfill Gas Monitoring Report on-site.	
-Spoke with Patti Costa about Site updates and received via email a copy of the 2nd Quarter 2010 Landfill Gas Monitoring Report.	
- Tour facility and observe:	
-waste being received at Cell A, Part 1C.	
-scrapers transporting stockpiled soil to the working faces for use as daily cover.	
-street sweeper performing duties at the entrance of the facility and along the main access road.	
-compactation of waste at the working face by dozers.	
-water trucks performing dust control activities at working face and along dirt access roads.	
-litter fences in place around working face.	
-mulching of landfill slopes.	
-litter crew picking up debris at the entrance of the facility and along the main access road.	
2. NON-COMPLIANCE ISSUES:	
PREPARED BY: Ian Yusko	SIGNED: 

C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 8/19/10
WEATHER: 81 degrees F, 2-5 mph winds, clear		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 26c	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 26b	On-site observation	Cleaning of Paved Access Roads
MRMP 28d	On-site observation	Soil Sealant to Prevent Erosion
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 34 a-e.	Review documentation	Landfill Gas Monitoring, Sampling, and Probe Installation
MRMP 87	Review documentation	Class III Landfill Classification
MRMP 90	Review documentation	Refuse Inspection Program
MRMP 91	Review documentation	Hazardous Waste Load Checking Program
MRMP 92	Review documentation	Notification of Hazardous Waste Analysis
MRMP 109 a+b	Review documentation	Clean-up Crews
MRMP 112a.	On-site observation	Daily Litter Patrol from Entrance to the Scales
MRMP 112e.	On-site observation	Working Face Litter Fences
MRMP 128	Review documentation	Continuous Monitoring
MRMP 129	Review documentation	Combustible Gas Detectors
Q-B.4.a-b.	Review documentation	Maximum Allowable Intake Rates
Q-B.4.d	Review documentation	Inert/Exempt Materials
Q-B.5.a-d.	Review documentation	Prohibited Waste/ Comp. Waste Load Checking Program
Q-C.2.a	Review documentation	Community Protection Program
Q-C.2.b	Review documentation	Hotline Emergency Log
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
Q-C.10.d (1)	Review documentation	Alt. Fuel Vehicle Reporting & Compliance
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

⁽¹⁾ Example Comments

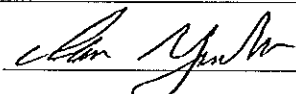
- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: Ian Yusko 8/27/10
Signature Date

Entered Data: John Rayton 9/2/10
C2 REM Administrative Staff Date

QA/QC [Signature] 9/2/10
C2 REM Staff

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 8/30/10
WEATHER: 80 degrees F, 8-12 mph winds, sunny		DAY: Monday
C2 REM PERSONNEL: Ian Yusko		
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.		
10:00 am: Arrive On-Site		
- Drive to Administration Building		
- Sign-In to Visitor's Register		
- No documents in designated drop box		
- Spoke with Patti Costa briefly about Site updates		
-No requested documents at this time.		
- Tour facility and observe:		
-waste being received at Cell CC-1 and Cell A, Part 1C.		
-scrapers transporting stockpiled soil to the working faces for use as daily cover.		
-street sweeper performing duties along main access road.		
-compaction of waste at the working face by dozers.		
-water trucks performing dust control activities at working face and along dirt access roads.		
-litter fences in place around working face.		
-mulching activities taking place on landfill slopes		
-main sediment basin with some accumulation of sediment and presence of vegetation growth.		
-litter crew picking up debris along roads outside the landfill.		
2. NON-COMPLIANCE ISSUES:		
PREPARED BY: Ian Yusko	SIGNED:	

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 8/30/10
WEATHER: 80 degrees F, 8-12 mph winds, sunny		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 6	On-site observation	Erosion Control
MRMP 28a.	On-site observation	Cover Soil Usage
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 28d.	On-site observation	Site Erosion Mitigation Measures
MRMP 26c.	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 109a.	Off-site observation	Litter Pick-up Outside of Landfill
MRMP 112e.	On-site observation	Working Face Litter Fences
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Signature _____

8/31/10
Date

Entered Data:

C2 REM Administrative Staff

Date _____

QA/QC

C2 REM Staff

9/3/10

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 9/10/2010
WEATHER: Sunny, 70°		DAY:
C2 REM PERSONNEL: Stefan Klemm		
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:		
9:45 am: arrive on-site		
- Met w/ Becky Vansickle (BFI) and received the following updates and docs:		
<ul style="list-style-type: none"> - 2nd Quarter Leachate Monitoring Report - July Monthly Report to LEA - August Facility Inspection Checklist - Reviewed August Waste Load Checks - Received a copy of 2010 Semi-Annual GW Report. 		
Tour Facility and observe the following:		
<ul style="list-style-type: none"> - Two working faces currently staged - both on County-side - No dust, odor, or litter issues observed - Observe water trucks and street sweepers - Odor misters are on in area near PM-10 trees - Observe that all vehicles have tarps that are entering the site - Waste is being spread and compacted upon being dumped onto working face - No earth works currently occurring - Observe that some of southern slopes of CELVA have recently been covered with mulch. 		
2. NON-COMPLIANCE ISSUES:		
PREPARED BY: Stefan Klemm	SIGNED: Stefan Klemm	

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 9/10/10
WEATHER:		
C2 REM PERSONNEL: Stefan Klemm		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
M-113-122, 124-126, 94, 96-105, 36-38, 7 M-43, 45, 158, Q-B.4.6 + d, Q-B.5. a, b, cd, M-87, 90-93, M-34a-e, M-109, 128, 129, M-49-51, M-58, M-95, M-41, 42, Q-C.11, M-30, 31, M-106a, Q-C.6	Record Review ↓ Observation ↓	Facility Inspection Checklist - August " " July Monthly Report to LEA " " " 2 nd Qrt. Leachate Report Waste Load Checks " " Semi-Annual GW Report " " Odds Control Litter Control "
NON-COMPLIANCE/THRESHOLD EXCEEDANCE CONDITIONS OF APPROVAL:		

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by :

Signature _____

Date _____

Entered Data:

CEREM Administrative Staff

Date _____

QA/QC

C2-RE-48af

Date _____

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

[illegible]

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 9/17/10
WEATHER: 85 degrees F, sunny, clear, wind speeds - 7mph, gusts - 11 mph		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 6	On-site observation	Erosion Control
MRMP 26 c.	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 28 b.	On-site observation	Cleaning of Paved Access Roads
MRMP 28 d.	On-site observation	Site Erosion Mitigation Measures
MRMP 34 a-d.	Review documentation	Landfill Gas Monitoring, Sampling, and Probe Installation
MRMP 46 a.	Review documentation	Preventative Maintenance Program for Stormwater
MRMP 87	Review documentation	Class III Landfill Classification
MRMP 90	Review documentation	Refuse Inspection Program
MRMP 91	Review documentation	Hazardous Waste Load Checking Program
MRMP 96	Review documentation	Vector Activity Monitoring
MRMP 109 a. & b.	Review documentation/observation	Clean-up Crews
MRMP 110	Review documentation	Illegal Dumping Monitoring
MRMP 112 c.	Review documentation	Removing debris along landfill entrance & access roads
MRMP 119	Review documentation	First-Aid Kits
MRMP 125	Review documentation	Perimeter Fencing
MRMP 128	Review documentation	Continuous monitoring
MRMP 129	Review documentation	Combustible gas detectors
Q-B.4.a & d.	Review documentation	Intake Rates, Inert/Exempt Materials
Q-B.5.a - d.	Review documentation	Prohibited Waste/ Comp. Waste Load Checking Program
Q-C.2.b	Review documentation	Hotline Emergency Log
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.c.	Review documentation	Removing debris along landfill entrance & access roads
Q-C.6.e	On-site observation	Litter Fences
Q-C.6.f	Review documentation	Tarping Program Reqs.
Q-C.10.d[1]	Review documentation	Alt. Fuel Vehicles
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

Example Comments

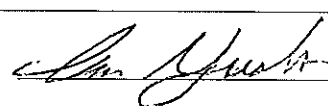
- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: *Ian Yusko* 9/27/10
Signature Date

Entered Data: *[Signature]* 9/28/10
C2 REM Administrative Staff Date

QA/QC: *[Signature]* 9/29/10
C2 REM Staff Date

**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 9/24/10
WEATHER: 92 degrees mph, sunny, clear, wind speeds - 7mph, gusts - 13mph	DAY: Friday
C2 REM PERSONNEL: Ian Yusko (
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:	
9:45 am: Arrive On-Site	
- Drive to Administration Building	
-Sign-In to Visitor's Register	
-Speak with Becky VanSickle and Patti Costa, BFI staff, about Site updates	
-Received latest notification letter for exceedances at City-side perimeter probes 241B & 241C from Patti via e-mail	
-Received a hardcopy of September 2010 City-side perimeter probe monitoring data from Patti	
- Tour facility and observe:	
-waste being received on City-side of the landfill at Cell A, Part 2D.	
-street sweeper performing duties along main access road.	
-water trucks performing dust control activities along dirt access roads.	
-litter fences in place around Site and working face.	
-scrappers performing excavation activities southwest of Cell A, Part 2E and stockpiling activities north of Cell A, Part 2A & 2B.	
-construction crew working on demolishing a portion of the leachate treatment facility.	
-compaction of waste by dozers.	
-refuse trucks dumping daily refuse at working face.	
2. NON-COMPLIANCE ISSUES:	
MRMP 34a "Threshold Exceedance" Non-Compliance - Perimeter Probe 241 B&C was originally monitored on 9/20/10 with a reading of 30.9% Vol Methane and 5.4% Vol Methane so corrective measures will need to be taken by BFI to perform the 10-day remonitoring requirement on probe 241B&C.	
<div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;"> MRMP #34a for surface monitoring </div>	
PREPARED BY: <u> Ian Yusko </u>	SIGNED: 

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 9/24/10
WEATHER: 92 degrees F, sunny, clear, wind speeds - 7mph, gusts - 13mph	

C2 REM PERSONNEL: Ian Yusko

CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 1	On-site observation	Grading meets Regs.
MRMP 3a. & b.	On-site observation	Excavation Activities
MRMP 5	On-site observation	Grading meets Geotechnical Req's
MRMP 6	On-site observation	Erosion Control
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 28d.	On-site observation	Site Erosion Mitigation Measures
MRMP 26c.	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 109a.	Off-site observation	Litter Pick-up Outside of Landfill
MRMP 112e.	On-site observation	Working Face Litter Fences
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences

NON-COMPLIANCE CONDITIONS OF APPROVAL:

MRMP 34a.	Review field generated data	Threshold Exceedance
MRMP 34d.	FE for surface monitoring	

Example Comments

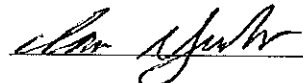
- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: *[Signature]* 9/27/10
Signature Date

Entered Data: *[Signature]* 9/24/10
C2 REM Administrative Staff Date

QA/QC: *[Signature]* 9/30/10
C2 REM Staff

**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 9/30/10
WEATHER: 92 degrees mph, sunny, clear, wind speeds - 7mph, gusts - 13mph	DAY: Thursday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.	
10:15 am: Arrive On-Site	
- Drive to Administration Building	
-Sign-In to Visitor's Register	
-Speak with Becky VanSickle and Patti Costa, BFI staff, about Site updates	
-Received copy of Instantaneous Surface monitoring results conducted on 9/21/10 and the first 10-day re-monitoring event on 9/29/10.	
-Received email from Patti providing the first 10-day re-monitoring event for Perimeter probe 241 B&C conducted on 9/27/10.	
- Tour facility and observe:	
-waste being received on City-side of the landfill at Cell A, Part 2D.	
-street sweeper performing duties along main access road.	
-water trucks performing dust control activities along dirt access roads.	
-litter fences in place around Site and working face.	
-scrappers performing excavation activities southwest of Cell A, Part 2E and stockpiling activities north of Cell A, Part 2A & 2B.	
-dozers performing grading activities on slope next to leachate treatment facility.	
-compaction of waste by dozers.	
-refuse trucks dumping daily refuse at working face.	
-construction crew performing maintenance on the LFG conveyance piping around Site	
-construction crew with drill rig performing work in excavation area southwest of Cell A, Part 2E.	
2. NON-COMPLIANCE ISSUES:	
MRMP 34a "Threshold Exceedance" - Perimeter Probe 241 B&C was originally monitored on 9/20/10 with a reading of 30.9% Vol Methane and 5.4% Vol Methane, a 10-day re-monitoring event was conducted on 9/27/10 and probe 241 B did not clear with a reading of 36% Vol Methane but 241C did clear with a reading of 0.2% Vol Methane. Probe 241 B will remain a threshold exceedance until it clears a re-check or other corrective measures are taken.	
MRMP 34d "Threshold Exceedance" - Grids T21 (2,000ppm), T20 (20,000ppm), P19 (1,000ppm), S19 (2,000ppm), R18 (3,000ppm), S18 (2,000ppm), R17 (3,000ppm), S17 (6,000ppm), and S16 (3,000ppm) were originally monitored on 9/21/10 with these respective readings; BFI conducted a 10-day re-monitoring event on 9/29/10 and all grids cleared with these respective readings: T21 (465ppm), T20 (450ppm), P19 (210ppm), S19 (300ppm), R18 (200ppm), S18 (340ppm), R17 (366ppm), S17 (200ppm), and S16 (16.30ppm). As of 9/29/10, all grids are back in compliance.	
PREPARED BY: Ian Yusko	SIGNED: 

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 9/30/10
WEATHER: 92 degrees F, sunny, clear, wind speeds - 7mph, gusts - 13mph	

CONDITION OF APPROVAL	COMMENTS ⁽¹⁾	DESCRIPTION
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NON-COMPLIANCE CONDITIONS OF APPROVAL:		
MRMP 34a.	Review field generated data	Threshold Exceedance (Probe 241 B)
MRMP 34d.	Review field generated data	Threshold Exceedances (9/21/10 - 9/28/10)

QA/QC C2 REM Staff 10/3/11

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE	OF
PROJECT NUMBER: 02-103		DATE: Oct. 8, 2000	
WEATHER: Sunny, 75°		DAY:	
C2 REM PERSONNEL: Stefan Klemm			
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.			
9:30 am: arrive on-site			
<ul style="list-style-type: none"> - met with Steve C. (BFI Ops Manager) to receive update on current construction and site development activities <ul style="list-style-type: none"> - Sections of leachate treatment system are being removed that are no longer in use - Excavation activities for new cell development of Phase CC-II are currently occurring - OBSERVED Soil removal from stockpile area southeast of leachate treatment system that WAS being moved to 500' set-back area <ul style="list-style-type: none"> - Archer/Poles Monitors have been on-site (Richard Guttenberg JMA) - New drainage system upgrades occurring south of main access road - Power/telephone poles are being relocated on other-side of access road. 			
<ul style="list-style-type: none"> - Tour Facility and observe: <ul style="list-style-type: none"> - Dust Control Measures in place (i.e., water trucks, street sweepers) - BMPs for erosion control and storm water control in place - No litter or odor issues - Observe some sediment in main basin, will need to monitor and verify that sediment gets removed. - Working face located in Cell A - Spoke with Patti Costa (BFI) to receive update on new leachate treatment system <ul style="list-style-type: none"> - New location near entrance of site, some initial prep of area is being conducted, foundation will be poured later. - Patti confirmed that no trees have been removed in this area. 			
2. NON-COMPLIANCE ISSUES:			
MRMP 34a.2			
In regards to the the previous "threshold exceedance" at 241 B, re-monitoring on Oct. 7, 2000 confirmed that there was no longer an exceedance.			
PREPARED BY: <u>Stefan Klemm</u>		SIGNED: <u>Stefan Klemm</u>	

C2 REM
SITE VISITATION LOG
SUNSHINE CANYON LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 10/8/10
WEATHER:		
C2 REM PERSONNEL: Stefan Klemm		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
M-1, 2, 3, 4, 5, 6	Discuss w/ site supervisor/observation ↓ Observations ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	Grading + Earthworks + Erosion Control
M-9		Erosion Control
M-14 a.		Landfill Design + Construction
M-19 g		Air Quality Construction
M-20, 22, 26 b		Dust Control
M-36, 37, 39, 41 a, 2 b		Storm Water Control
M-43, 45, 46 a		"
M-50, 51		Leachate Collection System
M-57 a.		Dust Control
M-106, 107, 108		Litter Control
M-184	Archeo Monitor	
M-188	Paleo Monitor	
Q-A.5, Q-B.2.b	Site Development	
Q-B.2.c, Q-B.2.d.(2)	"	
Q-C.1	Compliance w/ MRMPs	
Q-C.3.a, i, k	Dust Control	
Q-C.4	Grading	
Q-C.6	Litter Control	
M.34 a.		
NON-COMPLIANCE/THRESHOLD EXCEEDANCE CONDITIONS OF APPROVAL:		
QC 10.2 (1) Alt Fuel - Non Compliance - fuel log showed regular gasoline used in E-85 vehicle		

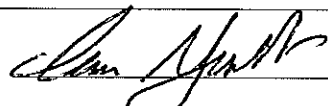
(1) Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by :

Signature: [Signature] Date: 10/13/10
Entered Data: C2 REM Administrative Staff Date: 10/14/10
QA/QC: [Signature] Date: 10/14/10
C2 REM Staff

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 10/15/10
WEATHER: 68 degrees, foggy, light drizzle, wind speeds - 5mph, gusts - 9mph	DAY: Friday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.	
10:15 am: Arrive On-Site	
- Drive to Administration Building	
-Sign-In to Visitor's Register	
-Briefly speak with Patti Costa, BFI staff, about Site updates	
-No documents received during this visit.	
-Received email from Becky VanSickle on 10/19/2010 with attached documents as follows: Sunshine Canyon Monthly Facility Inspection Checklist for Sept. 2010, Sept. 2010 Monthly Report to the LEA, and field daily forms for litter clean-up crews for Sept. 2010	
-Spoke with Richard Guttentberg, JMA, regarding Archaco/Paleo- activities on-site during the new phase of construction/excavation activities	
- Tour facility and observe:	
-waste being received on City-side of the landfill at Cell A, Part 1A and at Cell CC-1.	
-street sweeper performing duties along main access road.	
-water trucks performing dust control activities along dirt access roads.	
-litter fences in place around Site and working faces.	
-scrappers performing excavation activities southwest of Cell A, Part 2E and just southwest of the County Scalehouse.	
-compaction of waste by dozers.	
-refuse trucks dumping daily refuse at working faces.	
-construction crew performing drilling activities at bottom of slope of inactive City-side of the landfill.	
-wind monitoring equipment is in-place on-site during active construction periods.	
2. NON-COMPLIANCE ISSUES:	
PREPARED BY: <u> Ian Yusko </u>	SIGNED: 

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 10/15/10
WEATHER: 68 degrees, foggy, light drizzle, wind speeds - 5mph, gusts - 9mph		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS ⁽¹⁾	DESCRIPTION
MRMP 1	On-site observation	Grading meets Regs.
MRMP 3a. & b.	On-site observation	Excavation Activities
MRMP 5	On-site observation	Grading meets Geotechnical Req's
MRMP 6	On-site observation	Erosion Control
MRMP 28a.	On-site observation	Excavated Materials used as Daily Cover
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 28d.	On-site observation	Site Erosion Mitigation Measures
MRMP 26c.	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 46	Review documentation	Preventative Maintenance Program for Stormwater
MRMP 91	Review documentation	Hazardous Waste Load Checking Program
MRMP 92	Review documentation	Notification of Hazardous Waste Analysis
MRMP 96	Review documentation	Monitoring of Vector Activity
MRMP 109a.&b.	Review documentation	Clean-up Crews
MRMP 112c.	Off-site observation	Daily Litter Patrol to Working Face
MRMP 112e.	On-site observation	Working Face Litter Fences
MRMP 119	Review documentation	First Aid Kits
MRMP 125	Review documentation	Perimeter Fencing
Q-B.4.a&b	Review documentation	Intake Rates
Q-B.4.d	Review documentation	Inert/Exempt Materials
Q-C.2.b	Review documentation	Emergency/Hotline Records
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
Q-C.10.d [1]	Review documentation	Alt. Fuel Light Duty Vehicle Activities
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

⁽¹⁾ Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by:

Signature

Date

Entered Data:

C2 REM Administrative Staff

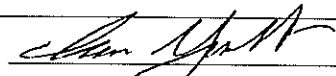
Date

QA/QC

C2 REM Staff

1

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 10/22/10
WEATHER: 64 degrees, overcast, light drizzle, wind speeds - 6mph, gusts - 10mph	DAY: Friday
C2 REM PERSONNEL: Ian Yusko (
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC:	
10:15 am: Arrive On-Site	
- Drive to Administration Building	
-Sign-In to Visitor's Register	
-Briefly speak with Patti Costa and Becky VanSickle, BFI staff, about Site updates	
-No documents received during the Site visit.	
-Reviewed the Daily Waste Vehicle Load Check Logbook for September 2010 on-site.	
- Tour facility and observe:	
-waste being received on City-side of the landfill at Cell A, Part 1A and at Cell CC-1.	
-refuse trucks dumping daily refuse at working face.	
-compaction of waste by dozers.	
-street sweeper performing duties along main access road.	
-water trucks performing dust control activities along dirt access roads.	
-litter fences in place around Site and working face.	
-maintenance crew installing perimeter fencing along the inactive City-side slopes.	
-wind monitoring equipment in-place and operational during active construction.	
-scrappers performing excavation activities southwest of Cell A, Part 2E and southwest of the County scalehouse.	
-grading activities being performing along a couple of the inactive City-side slopes.	
-tractors moving unearthed scrap materials into large trash bins for recycling.	
-construction crew performing maintenance on the main access road leading to the County scalehouse.	
-construction crew performing drilling operations in excavation area southwest of Cell A, Part 2E.	
2. NON-COMPLIANCE ISSUES:	
PREPARED BY: <u>Ian Yusko</u>	SIGNED: 

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 10/22/10
WEATHER: 64 degrees F, overcast, light drizzle, wind speeds - 6mph, gusts - 10mph		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 1	On-site observation	Grading meets Regs.
MRMP 3a. & b.	On-site observation	Excavation Activities
MRMP 5	On-site observation	Grading meets Geotechnical Req's
MRMP 6	On-site observation	Erosion Control
MRMP 21	On-site observation	Continuous Wind Speed Monitoring
MRMP 26b.	On-site observation	Clean Access Roads
MRMP 28a.	On-site observation	Excavated Materials used as Daily Cover
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 28d.	On-site observation	Site Erosion Mitigation Measures
MRMP 26c.	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 91	Review documentation	Hazardous Waste Load Checking Program
MRMP 112e.	On-site observation	Working Face Litter Fences
Q-B.4.d	On-site observation	Inert/Exempt Materials
Q-B.5.b	Review documentation	Hazardous Waste Load Checking Program
Q-C.3.d	On-site observation	Watering of Stockpiles
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: *Ian Yusko* 10/25/10
Signature Date

Entered Data: *[Signature]* 10/28/10
C2 REM Administrative Staff Date

QA/QC: *[Signature]* 10/29/10
C2 REM Staff

C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL

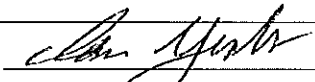
PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 10/28/10
WEATHER: 70°, windy conditions	DAY:
C2 REM PERSONNEL: Stefan Klemm, Kent Vollmer, Ben Hushmand	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.	
10:00 am: arrived on-site.	
<ul style="list-style-type: none"> - Met with representatives from the LEA, BFI, CAC, Department of City Planning to conduct site visit and observe area where potential landslides had occurred. - BFI's engineering geologist Ali Mehrzad, A-Mehr, provided an update on the current work activities and the area where slides occurred. Currently, grading and excavation activities are occurring in an area southeast of Peachate treatment system. Soil is being removed from this area and being placed in 500' set back area and stockpiled for use as daily cover. Additionally, work is being conducted to re-locate main access road further to south (in our area.) The area where excavation is occurring is an area where ancient landslides have been mapped and are known to exist. As part of these activities, there are some areas on slope where cracking and some movement have occurred. These landslide areas will be removed in accordance with EIR that indicated landslides will be excavated and removed prior to refuse placement. The landslide is being monitored for safety purposes by BFI's contractors. According to Ali the work currently occurring is for operational purposes, and not the construction of new cell. - C2 Rem's professional geologist and engineer were on-site and conducted an inspection of the area in question. As requested by the Department of City Planning, C2 Rem is preparing a memo with their observations and recommendations for this area. - Observed that water truck were being used and that the wind monitor was in place. 	
2. NON-COMPLIANCE ISSUES	
PREPARED BY: Stefan Klemm	SIGNED: Stef-Ke

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 10/28/16
WEATHER:		
C2 REM PERSONNEL: Stefan Klemm		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
M-1, 2, 5	Observation, Discussion w/ site supervisor	Grading
M-8	↓	Land Slide
M-22	Observations	Dust Control
M-46 a.	↓	BMPs for Stormwater Control
M-184, 188	↓	On-site Archeo/Paleo Monitors
M-21	↓	Wind Speed Monitoring
Q-C.3.a	↓	Dust Control
Q-C.3.g	↓	"
MRMP 10	Design Review	
MRMP 12.2.	ALLUVIUM EXCAVATION	
MRMP 12.b.	ENGINEERED FILL	
QC.2.e.	HAZARDOUS WASTE Round Up	
MRMP 13a.	Design Review	
MRMP 13.b.	LANDFILL LIQUEFACTIONS	
MRMP 26.2	PAVED ROAD ACCESS	
NON-COMPLIANCE/THRESHOLD EXCEEDANCE CONDITIONS OF APPROVAL:		

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by: Sue Ke Signature: _____ Date: _____
Entered Data: [Signature] 11/3/10 Date: _____
QA/QC: [Signature] 11/3/10 Date: _____
C2 REM Admin/Control Staff

**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 11/5/10
WEATHER: 78 degrees F, clear, wind speeds - 7 mph, gusts - 10 mph	DAY: Friday
C2 REM PERSONNEL: Ian Yusko (
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:	
9:30 am: Arrive On-Site with KV	
- Drive to Administration Building	
-Sign-In to Visitor's Register	
-Speak with Pat A-Mehr's Site Geologist regarding the geology of the excavated area and surrounding slopes	
-Speak with Anthony Bertrand, Construction Manager, of Trand Development Services re: the excavation and grading activities on-site	
-No documents received during this Site visit	
- Tour facility and observe:	
-waste being received on City-side of the landfill at Cell A, Part 1A and Part 2A&B.	
-refuse trucks dumping daily refuse at working face.	
-compaction of waste by dozers.	
-street sweeper performing duties along main access road.	
-water trucks performing dust control activities along dirt access roads.	
-litter fences in place around Site and working face.	
-maintenance crew removing sediment and debris from the main sediment basin.	
-wind monitoring equipment in-place and operational during active construction.	
-scrapers performing excavation activities southwest of Cell A, Part 2E.	
-grading activities being performing along a couple of the inactive City-side slopes.	
-landscaping crew replacing dead oak trees with live oak trees in the Oak Tree Mitigation Areas.	
2. NON COMPLIANCE ISSUES:	
PREPARED BY: Ian Yusko	SIGNED: 

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 11/5/10
WEATHER: 78 degrees F, clear, wind speeds - 7 mph, gusts - 10 mph		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS ⁽¹⁾	DESCRIPTION
MRMP 1	On-site observation	Grading meets Regs.
MRMP 3a. & b.	On-site observation	Excavation Activities
MRMP 5	On-site observation	Grading meets Geotechnical Req's
MRMP 6	On-site observation	Erosion Control
MRMP 21	On-site observation	Continuous Wind Speed Monitoring
MRMP 26b.	On-site observation	Clean Access Roads
MRMP 28a.	On-site observation	Excavated Materials used as Daily Cover
MRMP 28b.	On-site observation	Cleaning of Paved Access Roads
MRMP 28d.	On-site observation	Site Erosion Mitigation Measures
MRMP 26c.	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 43	On-site observation	Cleaning of Sedimentation Basins
MRMP 72-81	On-site observation	Mitigation Tree Planting
MRMP 112e.	On-site observation	Working Face Litter Fences
Q-C.3.d	On-site observation	Watering of Stockpiles
Q-C.3.i	On-site observation	Access Road Cleaning
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

⁽¹⁾ Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by:

Signature

Date

Entered Data:

C2 REM Administrative Staff

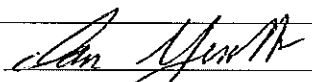
Date

QA/QC

C2 REM Staff

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**C2 REM
FIELD DAILY REPORT
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL	PAGE 1 OF 1
PROJECT NUMBER: 02-103	DATE: 11/12/10
WEATHER: 74 degrees F, clear, wind speeds - 12 mph, gusts - 18 mph	DAY: Friday
C2 REM PERSONNEL: Ian Yusko	
1. DAILY ACTIVITIES/OBSERVATIONS/MEETINGS, ETC.:	
10:15 am: Arrive On-Site	
- Drive to Administration Building	
-Sign-In to Visitor's Register	
-Speak with Ali from A-Mehr on-site regarding excavation and grading operations, on-site geologists, and upcoming schedule	
-Sent Patti Costa, BFI Environmental Specialist, an email on 11/10/10 requesting any LFG monitoring results and received the October 2010 Perimeter Probe results via email from Patti on 11/11/10	
-Sent email request for Archaeo-/Paleo- logs to Anthony Bertrand, Construction Manager, on 11/12/10 and he will send them by 11/19/10	
- Tour facility and observe:	
-waste being received on City-side of the landfill at Cell A, Part 2A, B, and C.	
-refuse trucks dumping daily refuse at working face.	
-compaction of waste by dozers.	
-geologists on-site performing tests and studies inside the excavation areas and at the toe of some slopes.	
-water trucks performing dust control activities along paved and dirt access roads.	
-litter fences in place around Site and working face.	
-wind monitoring equipment in-place and operational during active construction.	
-scrapers stockpiling excavated soil along the 500 ft. setback along the northern portion of the property.	
-scrapers performing excavation activities southwest of Cell A, Part 2E to reduce load and for use as daily cover soil.	
-litter crew performing duties along entrance into the landfill.	
-geologists on-site performing tests and studies inside the excavation areas and at the toe of some slopes.	
2. NON-COMPLIANCE ISSUES:	
PREPARED BY: Ian Yusko	SIGNED: 

**C2 REM
SITE VISITATION LOG
SUNSHINE CANYON CITY LANDFILL**

PROJECT NAME: SUNSHINE CANYON LANDFILL		PAGE 1 OF 1
PROJECT NUMBER: 02-103		DATE: 11/12/10
WEATHER: 74 degrees F, clear, wind speeds - 12 mph, gusts - 18 mph		
C2 REM PERSONNEL: Ian Yusko		
CONDITION OF APPROVAL	COMMENTS (1)	DESCRIPTION
MRMP 1	On-site observation	Grading meets Regs.
MRMP 3a. & b.	On-site observation	Excavation Activities
MRMP 5	On-site observation	Grading meets Geotechnical Req's
MRMP 6	On-site observation	Erosion Control
MRMP 8	On-site observation	Landslide
MRMP 21	On-site observation	Continuous Wind Speed Monitoring
MRMP 26b.	On-site observation	Clean Access Roads
MRMP 28a.	On-site observation	Excavated Materials used as Daily Cover
MRMP 28d.	On-site observation	Site Erosion Mitigation Measures
MRMP 26c.	On-site observation	Dust Suppressant for Unpaved Roads
MRMP 31	On-site observation	Solid Waste Compaction
MRMP 34a.	Review documentation	Perimeter Probe Monitoring Results
MRMP 107	On-site observation	Secondary litter fences
MRMP 108	On-site observation	Signage for vehicle tarping
MRMP 109b.	Off-site observation	Daily Surveillance for Litter
MRMP 112e.	On-site observation	Working Face Litter Fences
Q-C.2.c	On-site observation	Entry Signs
Q-C.3.d	On-site observation	Watering of Stockpiles
Q-C.3.i	On-site observation	Clean Paved Roads
Q-C.3.j	On-site observation	Watering of Dirt Roads
Q-C.6.e	On-site observation	Litter Fences
NON-COMPLIANCE CONDITIONS OF APPROVAL:		

Example Comments

- * Review design documentation
- * Meeting with the City
- * Interviews/discussions with site personnel
- * Review onsite records
- * Meetings with site supervisors/managers
- * Review of analytical data
- * Review field generated documentation
- * Onsite photographs
- * Observations
- * Other

Prepared by:

[Signature] 11/15/10
Signature Date

Entered Data:

[Signature] 11/15/10
C2 REM Administrative Staff Date

QA/QC

[Signature] 11/16/10
C2 REM Staff

APPENDIX B



SITE VISIT SIGN-IN SHEETS

VISITORS' REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
6/1/10	Edwin Cruz	SCS	Well Monitoring	0600	1440
6-1-10	Corrine Cosentino	Complete Street Sweep	Sweeping	7:00	3:00
6-1-10	Michael Smith	LADBS	Inspection	11:20	
6-2-10	Edwin Cruz	SCS	Well Monitoring	0550	1430
6/2/10	ADRIAN GASPARE	SCS-FS	well monitoring	0555	2:30 PM
6/2/10	Mike Cosentino	Complete street sweep	Sweeping	0645	1508
6/2/10	Russell Dix & Jeff Andrews	Republic	Tour w/Steve	9:30	
6/3/10	Edwin Cruz	SCS	Well Monitoring	0540	1430
6/3/10	B. Lawrence	SCS-FS	well monitoring	6:15	2:15 PM
6/3/10	Mike Cosentino	Complete street sweep	Sweeper	0700	1500
6/3/10	Kevin Ten Eyck	L.D.I.	Site visit	10:45	
6/3/10	Jose Sampa	QUINN CO.	Site visit	12:00	
6/4/10	Edwin Cruz	SCS	Well Monitoring	0530	
6-4-10	Corrine Cosentino	Complete Street Sweep	Sweeping	7:00	
6/4/10	Stefan Klemm	CZ REM	Site visit	9:15	

VISITORS REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
6/7/10	DARRELL THOMPSON	CORNERSTONE	REVIEW STAKES	7:25 AM	10:30 AM
6/8/10	Edwin Carr	SCS	Well Sweeping	0600	2:15 pm
6/8/10	B. Lawrence	SCS-FS	Wells	6:20 am	2:15 pm
6-8-10	Corrine Cosentino	Complete Street Sweep	Sweeping	6:50	3:00
6-8-10	Eddie Landeros	RSI	P. Ford	7:00	
6-8-10	Jeff Sanford	Dock Pros	Service was	11:30 11:30	3:00
6-8-10	STEVEN CASTORERA	WESTERN	TEST CONTROL	3:00	4 PM
6/9/10	Mike Cosentino	Complete street sweep	Sweeping	6:50	3:00
6/9	J. HERSWORTH	Maxxon W M	KURT B	11:20	
6/10/10	Mike Cosentino	Complete Street Sweep	Sweeping	6:45	3:00
6/10/10	B. Lawrence	SCS-FS	Wells	6:45 am	4:20 pm
6/10/10	Larry Israel	AQMD	Inspection	8:10 AM	
6/10/10	Tony Aguilar	SCS-FS	Wells	11:30	
6/11/10	Mike Cosentino	Complete Street Sweep	Sweeping	6:40	
6/11/10	IAN YUSKO	C2REM	Site Visit	9:45	

VISITORS' REGISTER

[illegible]

VISITORS' REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
6-22-10	BRAD ELDREDGE	RES	TEMP. PROBES	1045	1240
6-22-10	STEVE WATSON	WESTERN	PEST CONTROL	253	327
6-23-10	Corrine Cosentino	Complete Street Sweep	SWEEPING	655	2:55
6-23	DAVID CRUZ	IRONMAN	SERVICE	2:30	
6-24	Michael Gebauer	Sol-t-cons Inc	Net & L	06:00	
6/24	Mike Cosentino	Complete street sweep	SWEEPING	635	300
6/24	JASON ALLAN	SPT	Wildco Sec	8:30	
6/24	Thomas Hill	Army Group	MEETING	9:00	
6/24	Monte Anders	JUCE LOCAL 12	VISIT	9:20	
6/24	AKOPYAN			935	
6/24	Charles Wilde	AV Party Rentals	meet Steve	9:30	
6/24	NORM ASNER-HEN	RES	RODE	935	
6/24	Tammy Griffiths	CDS	Rec Review	10:00	3:30
6/24	Phil Tamm	Arborist		11:05	
6/25	Mike Cosentino	Complete street sweep	SWEEPING	700	
6/25	GIRLAND T. HUNT	Employment search	VISIT Employer	715	
6/25	Justin Conley	ESA	Arborist survey	9	
6/25	Tim Wilde	WEC	Contract	920	
6/25	IAN YUSKO	C2REM	Site Visit	9:30	

VISITORS' REGISTER

[illegible]

VISITORS' REGISTER

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VISITORS' REGISTER

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VISITORS' REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
9-7-10	Connie Cosentino	Complete Street Sweep	Sweeping	7:25	3:00
9-7-10	Tim Woldie	Waldie Environ	Mtg	9 -	11:20
9-7-10	Hugo Garcia	Quinn Co.	Service	10:00	10:25
9-7-10	Steve Caston	Western	Post Control	10:11	
9-7-10					
9-8-10	Connie Cosentino	Complete Street Sweep	Sweeping	6:30	7:00
9/8/10	Tom Daniels		Tour	9:00	
9/8/10	DAN O	Lin Oly	Compactor 836	9:00	
9/8/10	Robert Lugo	Quinn	Compactor 836	9:00	
9-8-10	Mike Shultz	YMCA	Meeting	10:00	11:50 A
9/8/10	Jesse Levin	NCM color Control	Meeting	8:	
9-9-10	Corinne Cosentino	Complete Street Sweep	Sweeping	6:30	3:00
9/9/10	PAUL DANBO	SUI	Maint.	8:00	
9/9/10	Anthony Bertrand	TDS	Meeting	8:30	
9/9/10	Tim Woldie	Waldie Environment	Mtg	9:00	
9-10-10	Corinne Cosentino	Complete St Sweep	Sweeping	7:00	
9/10	RICHARD LAVERGNE	PRDI	Site Visit	8:45	
9/10	Stefan Klemm	CZ REM	Site visit	9:45	

VISITORS' REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
9/10/10	Greg Answorth	ESA	Becky VanSickle	2:20	
9-13-10	Domine Cosentino	Complete St Sweep	Sweeping	7:00	3:00
9-14-10	Domine Cosentino	Complete St Sweep	Sweeping	6:40	3:00
9-14-10	Steve Casanova	WESTERN	REST/STUDY	2:15	3:30
9-15-10	Domine Cosentino	Complete St Sweep	Sweeping	7:10	3:00
9-15-10	David Beffling	SCL LEA	Data Research	10:40	
9-15-10	John Townsend		Spotter Job	11:30	
9-15-10	Mark McLarty	AUEO	Geologic Mapping	2:02	3:42
9-16-10	JEFF TUTTLE	TERSTAR INST.	CAL FLARE FLOWS	0740	
9-16-10	Dr. Thompson	Cornerstone	Patti/Survey	10:35	
9/16/10	S. ADAMS	SUKUT	INVIRO	12:30	
9-16-10	Domine Cosentino	Complete St Sweep	sweeping	7:00	3:00
9-17-10	Domine Cosentino	Complete St Sweep	Sweeping	7:00	
9/17/10	IAN YUSKO	CAREM	Site Visit	10:30	

VISITORS' REGISTER

[illegible]

VISITORS' REGISTER

[illegible]

VISITORS' REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
10-5-10	Domino Cosenzino	Complete St Sweep	Sweeping	6:47	
10/5/10	Scott Schwartz	EBCL	Tim Wide	10:55	
10/5/10	Mary Moon		see Margaret	9:20	
10/5/10	Greg Ahlsworth	ESA	Trails	11:00	2:00
10/5/10	Eddie Cordero	RST	KRONOS	12:00 PM	
10/5/10	STEVEN	WESTERN	PEST CONTROL	1 PM	
10-5-10	Erin + Anna	Testamerica	Sample Pick up.	14:05	14:10
10-05-10	Tiffany Lee	LDI	Becky	2:00	
10/6/10	Mike Cosenzino	Complete streets sweep	Sweeping	7:00	3:00
10/6/10	John Wamman	DNV	SITE VISIT	9:30	
10/6/10	JOHN ADAMS	SURUT	RENU. / SAR	2:30	3:00
10-7-10	Domino Cosenzino	Complete St Sweep	Sweeping	7:00	
10-7-10	Larry Israel	SCADMD	Inspection	9:15	
10-8-10	Mike Cosenzino	Complete streets sweep	Sweeping	6:30	
10-8-10	Robert May	Verizon	Phone work	0900	
10-8/10	Stefan Kierman	CZ REM	Site visit	9:30	

VISITORS' REGISTER

[illegible]

VISITORS' REGISTER

[illegible]

VISITORS' REGISTER

[illegible]

VISITORS' REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
11-2-10	STEVEN GORDON	WESTERN	PET CONTROL	3:27 PM	4:11
11-3-10	Carine Cosentino	Complete Sweep	Sweeping	6:45	3:00
11-3-10	Lanny Israel	SLAQMD	Insp	8:10 AM	
11-3-10	JESSE L.	QUINN CAT	DGT	12:30	
11-3-10	JOE S.	QUINN CAT	ARREST SEW.	1:30	1:45
11-4-10	GERRY VILLARDES	SCL - LGA	SITE VISIT	2:29	
11-4-10	Carine Cosentino	Complete Sweep	Sweeping	6:40	
11-4-10	JOE PARODES	QUINN CA.	DGT	8:45	
11-4-10	JOHN ANDERSON	S.C.A.Q.M.D.	ODOR COMPLAINT INVESTIGATION	11:45	
11-4-10	Richard Laver	LDI	VISIT BOOXY	2:30	
11-5-10	Carine Cosentino	Complete Sweep	Sweeping	6:30	
11-5-10	HEAT VOLMER	Lehigh Valley	C-2 REM	9:30	
11-5-10	IAN YUSKO	Lehigh Valley	C2 REM	9:30	

VISITORS' REGISTER

DATE	NAME	ORGANIZATION	PURPOSE OF VISIT	TIME IN	TIME OUT
11-9-10	Corrine Cosentino	Complete St. Sweep	Sweeping	6:15	3:00
11/9/10	Alfonso Medina	SCL BOD	Tow	10:00	12:00
11/9/10	Skip Barband	SCL BOD	"	10:00	12:00
11/9/10	Julia Weissman	LA County Council	Tow	10:00	12:00
11/9/10	Curly Chen	SCL LCA	Tow	10:00	12:00
11/9/10	Pete Ode	SCL LCA	↓	10:00	12:00
11/9/10	Eugene Teng	SCL Consultant	↓	10:00	12:00
11/9/10	Steve Castorena	WESTERN	PEST CONTROL	2:45	
11-10-10	Corrine Cosentino	Complete St Sweep	Sweeping	6:30	3:00
11-10-10	Monte Anders	IUCN Local 12	Visit	10:00	
11-10-10	Joseph Gordon	REP	Meeting	10:17	
11.10.10	Tiffany Leo	LDI	Becky	1:00	
11-11-10	Corrine Cosentino	Complete St. Sweep	Sweeping	6:30	2:45
11-12-10	IAN YUSKO	C2 REM	Site Visit	10:15	

APPENDIX C



U.S. ARMY CORPS OF ENGINEERS LETTERS



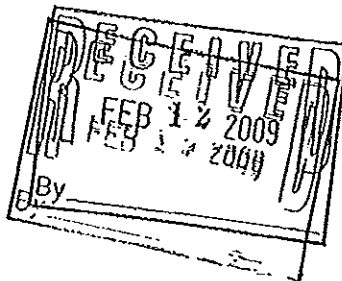
DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
P.O BOX 532711
LOS ANGELES, CALIFORNIA 90053-2326

REPLY TO
ATTENTION OF:

February 9, 2010

Office of the Chief
Regulatory Branch

Browning Ferris Industries of California
Attn: Kurt Bratton
14747 San Fernando Road
Sylmar, California 91342



Dear Mr. Bratton:

I am writing to you concerning the proposed Chatsworth Reservoir Wetlands Restoration project, which is required as compensatory mitigation for Permit Numbers 2002-00802-AOA and 2003-00408-AOA that authorized permanent impacts to approximately 5.38 acres of waters of the United States, including 1.58 acres of wetlands, for discharges of fill material for the construction of flood control facilities and the placement of liner for the disposal of waste material associated with the Sunshine Canyon Landfill Closure and Extension projects in unnamed tributaries to Bull Creek near San Fernando, Los Angeles County, California.

The Corps recognizes that Browning-Ferris Industries of California (BFI) and the City of Los Angeles have been working for more than six years to finalize plans to restore over 30 acres of wetland and riparian habitat at Chatsworth Reservoir as compensatory mitigation for the landfill closure and extension projects. During the past six years, the proposed mitigation site has been relocated to another area in Chatsworth Reservoir requiring substantial revisions to the mitigation plan design and reviewed under the California Environmental Quality Act (CEQA). However, all authorized impacts to waters of the United States have been completed and more than six years have elapsed without initiation of the required compensatory mitigation, which is inconsistent with the Corps current mitigation policy. I am very concerned with the apparent lack of progress in BFI reaching an agreement with the City of Los Angeles that will allow certification of the final CEQA document and compliance with the required special conditions in your Corps permits.

In previous letters, the Corps has stated that we were very concerned with the ongoing delays in the implementation of the compensatory mitigation at Chatsworth Reservoir. The Corps has made every effort to grant additional extensions to BFI to complete the City of Los Angeles approval process for this wetland restoration project, but the delays are becoming incompatible with the requirements of Section 404 of the Clean Water Act. Based on current information for the proposed restoration project at Chatsworth Reservoir, it appears the CEQA process is almost complete and the City of Los Angeles and BFI are close to completing an agreement that would allow the required compensatory mitigation to be initiated prior to August 31, 2010. I would strongly encourage BFI to expedite an agreement with the City of Los

Angeles facilitating the initiation of the Chatsworth Reservoir Wetlands Restoration project this year and ensuring that this very important and beneficial project is completed in full compliance with your permit conditions.

By June 30, 2010, I would like to request that BFI complete a letter that provides an update on your progress in reaching an agreement with the City of Los Angeles, certifying the final CEQA document and a proposed schedule to initiate the approved compensatory mitigation plan. If it appears that the compensatory mitigation will not be initiated by August 31, 2010, I would request that BFI schedule a meeting with the Corps prior to June 30, 2010 to facilitate a discussion regarding the ongoing compliance problems with the compensatory mitigation requirements for Permit Numbers 2002-00802-AOA and 2003-00408-AOA.

If you have any questions concerning this letter, please call me at (805) 585-2148.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron O. Allen". The signature is fluid and cursive, with the first and last names being more prominent.

Aaron O. Allen, Ph.D.
Chief, North Coast Branch
Regulatory Division

Enclosures
Copies furnished:
Mr. Mike Zander



DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
P.O. BOX 532711
LOS ANGELES, CALIFORNIA 90053-2326

February 9, 2010

REPLY TO
ATTENTION OF:
Office of the Chief
Regulatory Division

Browning-Ferris Industries of California
Sunshine Canyon Landfill
Attention: Kurt Bratton
14747 San Fernando Road
Sylmar, California 91342

Dear Mr. Bratton:

Reference is made to your request of December 30, 2009 to amend Permit No. 2003-00408-AOA which authorized you to permanently impact 3.41 acres of waters of the United States, including 1.01 acres of wetlands, for discharges of fill material for the construction of flood control facilities and the placement of liner for the disposal of waste material associated with the Sunshine Canyon Landfill Extension project in an unnamed tributary to Bull Creek near San Fernando, Los Angeles County, California.

Special Conditions Number One and Five for Permit Number 2003-00408-AOA are hereby modified to the following:

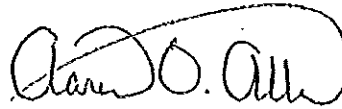
1) The permittee shall compensate for permanent impacts to 3.41 acres of waters of the United States, including 1.01 acres of wetlands, by restoring and enhancing at least 12 acres of riparian and wetland habitat within Chatsworth Reservoir. The permittee shall implement all the terms and conditions stipulated in the approved Final Mitigation Plan for Chatsworth Reservoir dated June 2006 in full. The permittee shall initiate restoration and enhancement activities as stipulated in the approved mitigation plan for Chatsworth Reservoir no later than August 31, 2010.

5) By August 31, 2010, the permittee shall either record a conservation easement or covenant, which shall run with the land, obligating the permittee, their successor or assigns to maintain the 12-acre preservation and enhancement area as natural open space in perpetuity, or provide other documentation that provides the Corps with legal assurances that the 12-acre mitigation area will be preserved in perpetuity. The permittee shall receive written approval from the Corps of this easement/covenant or other documentation prior to it being finalized and recorded.

The terms and conditions of Permit No. 2003-00408-AOA, except as changed herein, remain in full force and effect.

Please note that a copy of this letter is being forwarded to U.S. Fish and Wildlife Service, Attn: Ms. Diane Noda, 2493 Portola Road, Suite B, Ventura, California 93003; U.S. Environmental Protection Agency, Attn: Mr. David Smith, Supervisor, Wetlands Regulatory Office (WTR-8), 75 Hawthorne Street, San Francisco, California 94105; California Department of Fish and Game, Attention: Larry Eng, 4949 View Ridge Avenue, San Diego, California 92123.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron O. Allen". The signature is fluid and cursive, with a large loop at the end.

Aaron O. Allen, Ph.D.
Chief, North Coast Branch
Regulatory Division



DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
P.O. BOX 532711
LOS ANGELES, CALIFORNIA 90053-2325

February 9, 2010

REPLY TO
ATTENTION OF:
Office of the Chief
Regulatory Division

Browning-Ferris Industries of California
Sunshine Canyon Landfill
Attention: Kurt Bratton
14747 San Fernando Road
Sylmar, California 91342

Dear Mr. Bratton:

Reference is made to your request of December 30, 2009 to amend Permit No. 2002-00802-AOA which authorized you to permanently impact 1.97 acres of waters of the United States, including 0.57 acres of jurisdictional wetlands, for the construction of a retention basin and a concrete channel in 2,300 linear feet of Drainage A, extension of a culvert in Drainage G (approximately 370 linear feet) and the installation of a collection and conveyance structure in Drainage F and an adjacent wetland area (W-1) that are required as part of the closure of the City of Los Angeles portion of the Sunshine Canyon Landfill in an unnamed tributary to Bull Creek near San Fernando, Los Angeles County, California.

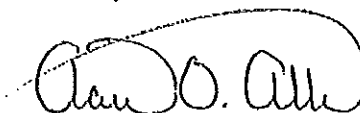
Special Conditions One and Six for Permit Number 2002-00802-AOA are hereby modified to the following:

- 1) The permittee shall compensate for permanent impacts to 1.97 acres of waters of the United States by restoring and enhancing at least 19 acres of riparian and wetland habitat within Chatsworth Reservoir. The permittee shall implement all the terms and conditions stipulated in the approved Final Mitigation Plan for the Chatsworth Reservoir dated June 2006 in full. The permittee shall initiate restoration and enhancement activities as stipulated in the approved mitigation plan for Chatsworth Reservoir no later than August 31, 2010.
- 6) By August 31, 2010, the permittee shall either record a conservation easement or covenant, which shall run with the land, obligating the permittee or their successor or assigns to maintain the 19-acre preservation and enhancement area as natural open space in perpetuity, or provide other documentation that provides the Corps with legal assurances that the 19-acre mitigation area will be preserved in perpetuity. The permittee shall receive written approval from the Corps of this easement/covenant or other documentation prior to it being finalized.

The terms and conditions of Permit No. 2002-00802-AOA, except as changed herein, remain in full force and effect.

Please note that a copy of this letter is being forwarded to U.S. Fish and Wildlife Service, Attn: Ms. Diane Noda, 2493 Portola Road, Suite B, Ventura, California 93003; U.S. Environmental Protection Agency, Attn: Mr. Jason Brush, Supervisor, Wetlands Regulatory Office (WTR-8), 75 Hawthorne Street, San Francisco, California 94105; California Department of Fish and Game, Attention: Ed Pert, 4949 View Ridge Avenue, San Diego, California 92123.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron O. Allen". The signature is fluid and cursive, with a large loop at the end.

Aaron O. Allen, Ph.D.
Chief, North Coast Branch
Regulatory Division

APPENDIX D



OAK TREE MITIGATION COMPLIANCE LETTER

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BUREAU OF STREET SERVICES

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DIRECTOR
NAZARIO SAUCEDA, ASST. DIRECTOR
RON OLIVE, ASST. DIRECTOR

1149 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90016

REQUESTS FOR SERVICE
3-1-1 ~or~ (800) 998-CITY
Email: BSS@lacity.org
TDD: (213) 473-6600
FAX: (213) 473-4150

June 26, 2008

Mr. Dave Hauser, General Manager
Browning Ferris Industries (BFI)
14747 San Fernando Road
Sylmar, CA 91342

CERTIFIED: #7001 \$100.0001 0487 6091

**SUNSHINE CANYON LANDFILL PROTECTED TREE REMOVAL AND PM10
MITIGATION COMPLIANCE INSTRUCTIONS**

Dear Mr. Hauser:

This correspondence regards the Coast Live Oak (*Quercus agrifolia*) trees planted for Department of City Planning (DCP) and Department of Public Works (DPW) mitigation conditions at your Sunshine Canyon Landfill facility.

On Thursday May 29, 2008, a meeting was held at the subject facility with representatives from BFI, DPW (Urban Forestry Division (UFD)), and the DCP mitigation consultant, C2REM attending. The purpose of the meeting was to establish the mitigation tree planting compliance with [Q] Condition C.10.b (1) and Mitigation Monitoring and Reporting Program (MMRP) Conditions 72-82.

As a result of the meeting, the UFD, lead enforcement/regulatory agency for the mitigation trees, requires BFI to perform the following actions to bring the project into compliance with the applicable conditions:

Oak Tree Removal Permit Mitigation Tree Replacements (MMRP Conditions 72-82)

BFI obtained a permit to remove 530 Coast Live Oak trees from the DPW Board of Public Works in 2004. As mitigation, BFI was required to replace the removals on a 2:1 basis, amounting to 1,060 trees. That number was reduced by 125 trees, to 935, as BFI supplied one hundred 24" box size and twenty-five 36" box size Coast Live Oak trees to the City that have been planted in numerous locations across the San Fernando Valley by the UFD.

As of May 2008, BFI has planted 1,122 trees in three separate mitigation areas at the Sunshine Canyon facility. The on-site inspection determined the trees as a group are in fair to good health. Some of the mitigation trees are exhibiting stress as evidenced by all or some of the following: light foliage, minimal to no new growth, bark stress, etc and a few have died. BFI is submitting an annual tree report for the subject trees as conditions require.

In order for BFI to comply with the MMRP Conditions 72-82, the following shall occur:

1. BFI shall continue to submit an annual monitoring report for the tree removal mitigation trees.
2. Presently, the number of fair to good condition trees remains over the 2:1 replacement requirement. Therefore, BFI is encouraged to continue vigilant monitoring of the irrigation system and tree conditions on a more frequent basis than annually to ensure the mitigation population remains in a healthful state.
3. BFI should replace any dead trees or trees in such a state that recovery from stress factors is doubtful.
4. At the end of the maintenance period, BFI shall ensure that a minimum 935 mitigation Oak trees are surviving in good health.

[Q] C.10.b (1) (PM 10) Oak Tree Planting

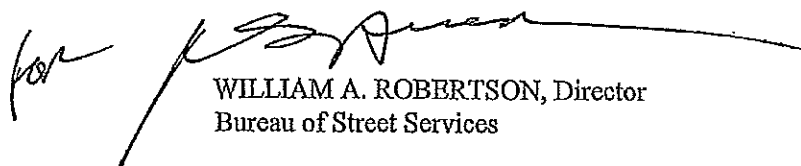
This condition required BFI to plant approximately 1000 trees within one year of landfill operations that commenced in 2006. According to Landwatch, Inc., BFI consulting forester, 669 Oak trees were planted according to a PM 10 planting area schematic plan approved by the UFD in 2001. At present, 409 of the originally planted 669 trees survive. Many of the trees still surviving are stressed and in poor condition. This is due to numerous factors including but not limited to poor quality and compacted soil, lack of adequate moisture, and poor initial planting stock. Additionally, mulch surrounding the trees is piled in large cones perhaps contributing to tree stress. The irrigation system for much of the PM 10 planting area is not functioning properly.

In order for BFI to comply with the condition, the following shall occur:

1. Within thirty days of receiving this letter, BFI shall provide the UFD a plan to plant a sufficient number of Oak trees to bring the number of trees planted to a minimum of 1,000 PM 10 mitigation Oak trees and install a functioning irrigation system for all PM 10 mitigation trees. The actual tree planting and irrigation system installation shall be completed no later than December 31, 2008.
2. BFI shall provide a comprehensive annual PM-10 mitigation tree replacement report to the UFD. The first report shall be due one year after verification of item number one occurring.
3. The required five year maintenance period shall commence upon verification of item number one occurring.
4. UFD may clear this condition at the end of the five year period after verification of the healthy state of the PM 10 mitigation trees.

The Bureau thanks BFI for its continued cooperation regarding the tree mitigation requirements for the Sunshine Canyon Landfill. If you have any questions regarding these requirements, please contact me at (213) 847-3333 or Ronald D. Lorenzen, Assistant Chief Forester, at (213) 847-3073.

Yours Truly,


WILLIAM A. ROBERTSON, Director
Bureau of Street Services

Pg 3

BFI Mitigation Letter

Cc: Councilman Greig Smith
Ly Lam, City Planning
Larry Friedman, City Planning
Robert Duenas, City Planning
Wayne Tsuda, Environmental Affairs Department
Stefan Klemm, C2REM

WAR/NS/RL:rl

S:\Letters\Ron LABFI mitigation letter

APPENDIX E



HAZARDOUS WASTE ROUNDUP LETTER

CITY OF LOS ANGELES

CALIFORNIA



ANTONIO R. VILLARAIGOSA
MAYOR

July 14, 2008

DEPARTMENT OF
PUBLIC WORKS

BUREAU OF SANITATION

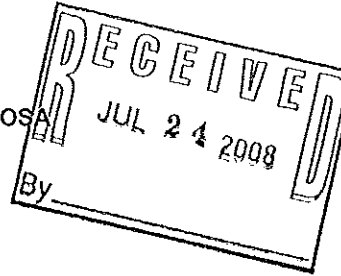
ENRIQUE C. ZALDIVAR
DIRECTOR

TRACI J. MINAMIDE
CHIEF OPERATING OFFICER

VAROUJ S. ABKIAN
ADEL H. HAGEKHALIL
ALEXANDER E. HELOU
ASSISTANT DIRECTORS

NEIL M. GUGLIEMO
DIVISION MANAGER

1149 SOUTH BROADWAY STREET, 10TH FLOOR
LOS ANGELES, CA 90015
TEL: (213) 485-2260
FAX: (213) 485-3671
EMAIL: SRCRD@LACITY.ORG



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ERNESTO CÁRDENAS

JULIE B. GUTMAN

Mr. David Hauser, General Manager
BFI
Sunshine Canyon Landfill
14747 San Fernando Road
Sylmar, Ca. 91342

RE: Sunshine Canyon Landfill Hazardous Waste Roundups Requirement

Dear Mr. Hauser,

The City of Los Angeles is requesting the second payment for the amount of \$42,165.46 to cover the cost for 2008 roundup.

As stated in [Q] Qualified Conditions of Approval, Section C.2.e which states "The permittee shall fund 50 percent of cost of at least thirteen (13) hazardous waste roundups, to occur every other year during the operational life of the landfill, for the areas covered by Granada Hills-Knollwood District Plan, Chatsworth-Porter Ranch Plans, Northridge Community Plan, Mission Hills-Panorama-Sepulveda Plans and Arleta-Pacoima Plans, provided that the City Council authorizes such roundups and the balance of the required funding is provided by the City and/or public agency. The roundups shall be publicized in the newsletter and on the web site."

During the second year, fiscal year 2007-2008, the City of Los Angeles conducted two events in the areas defined on the Qualified Conditions of Approval:

Date	Location	Cost
December 10, 2007	Northridge-Calif. State Univ. Northridge	\$73,783.90
January 26 & 27, 2008	Canoga Park-Partt & Whitney Rocketdyne	\$94,877.92
Total		\$168,661.82
Average		\$84,330.91
50% of the average		\$42,165.46

Please make a check payable to the City of Los Angeles, Bureau of Sanitation in the amount of \$42,165.46 to cover the second required payment for 2008 roundup. The next payment will be



due July 2010. Attached for your records are copies of invoices and publicity cost for all the events identified.

If you have any questions regarding this matter, please contact Mr. Farouk Ossman at (213) 485-3791 or via e-mail farouk.ossman@lacity.org.

Sincerely,



Neil Guglielmo, Division Manager

Solid Resources Citywide Recycling Division

Bureau of Sanitation

Attachments

CC: Nicole Bernson, Council District 12
Keith Pritsker, City Attorney
Larry Friedman, City Planning
Ly Lam, City Planning



Order No. PO627082

Issued on Tue, 05 Aug, 2008
Created on Tue, 05 Aug, 2008 by ePro System

Supplier:
CITY OF LOS ANGELES
BUREAU OF SANITATION
LOS ANGELES, CA 90015
United States
Phone: 1
Fax: 1

Ship To:
Allied Waste Industries Inc.
BFI of California, Inc.
14747 SAN FERNANDO RD
SYLMAR, CA 91342
United States
Phone: 18188336508
Fax: 18183625484

Legal Entity:
Description: BFI of California, Inc.
Division:
ID: L65
Description: BFI of California, Inc.
Account/Sub-Account:
Option: Accr other
CLEARER:

Bill To:
Allied Waste Industries Inc.
BFI of California, Inc.
14747 San Fernando Rd.
Sylmar, CA 91342-
United States
Phone: 18188336508
Fax: 18183625484

Supplier Number: 1287302

Item	Description	Part Number	Unit	Qty	Required By	Unit Price	Extended Amount
1	Sunshine Canyon Landfill Hazardous Waste ... Sunshine Canyon Landfill Hazardous Waste Roundup Requirements.		each	1	Tue, 05 Aug, 2008	\$42,165.46USD	\$42,165.46USD
Total							\$42,165.46USD

Shipping Method: Supplier Choice
F.O.B.: F.O.B. Destination, freight prepaid
Payment Terms:
Description: Payable in 1 day
Requested by: DAVID HAUSER

Comments

- COMMENT by AWI Terms and Conditions on Tuesday, August 5, 2008 at 1:58 PM
This purchase order is issued in strict accordance with the terms and conditions contained on
<https://www.disposal.com/vendor/documents/PurchaseOrderTandC082806.pdf> (ePro System, Tue, 05 Aug, 2008)

APPENDIX F



**C2 REM'S TECHNICAL MEMORANDUM
DATED NOVEMBER 2, 2010**

Technical Memorandum

November 2, 2010

To: Ly Lam, City of Los Angeles, Department of City Planning
Wayne Tsuda, Sunshine Canyon Landfill, Local Enforcement Agency

From: Stefan Klemm, REA I, C2 REM
Kent Vollmer, CEG, PG, C2 REM
Dr. Ben Hushmand, PE, C2 REM

CC: Edmond Bourke, REA II, C2 REM

**Subject: Summary of Observations Conducted on October 28, 2010
Sunshine Canyon Landfill Site - Sylmar, California**

Pursuant to the request from the City of Los Angeles, Department of City Planning (DCP) and the Sunshine Canyon Landfill Local Enforcement Agency (LEA), this Technical Memorandum has been prepared to summarize a meeting and site inspection, requested by the LEA and conducted by C2 REM's Professional Geologist and Engineer on Thursday, October 28, 2010 as it relates to concerns of recent or ongoing geologic activity observed at the Sunshine Canyon Landfill (SCL) Site located in Sylmar, California. Specifically, the area of interest includes the southeastern slope below the Leachate Collection and Treatment Facility (LCTF) (see Figure 1.0). Currently, C2 REM performs the independent monitoring activities for the City side of the SCL to verify that Pre-Operation and Operations activities conducted by BFI are in compliance with applicable (Q) Qualified Conditions and the Mitigation Reporting and Monitoring Program (MRMP), collectively referred to as Conditions of Approval.

The landfill operator's Geotechnical Engineer of Record (Mr. Ali Mehrazarin of A-Mehr Inc.) was present during the site inspection to provide an explanation of the excavation activities being performed in the area of interest and to present several technical drawings describing the geologic background of the area in the immediate vicinity of the LCTF. Mr. Mehrazarin indicated that the presence of older landslide deposits in the area currently being excavated for operational purposes were identified in the Environmental Impact Report (EIR) prepared for the site and that this document concluded that these landslide areas should be excavated and removed entirely prior to refuse placement. Additionally, he indicated that the numerous cracks observed in the temporary excavation slopes are to be expected during the landslide removal process. Further, Mr. Mehrazarin stated that all work during excavation in this area is being done under the direct supervision of registered Professional Engineers and Engineering Geologists, and that site conditions are being monitored to ensure the ongoing maintenance of safe working conditions for contractors and employees of the landfill.

C2 REM's Certified Engineering Geologist (CEG), Professional Civil Engineer (PE), and Project Manager for the SCL project conducted the meeting / site inspection on October 28, 2010. Together, these professionals (CEG and PE) held technical discussions with Mr. Mehrazarin reviewing the site geology and the on-going grading methodology to understand the recent cracking within the temporary slope. C2 REM's professionals conducted an examination of the hillside below the LCTF under the direction of the LEA representative and observed the visible cracking within these slopes.

Based on C2 REM's review of applicable documents (i.e., *Final Subsequent Environmental Impact Report, December 1999*; *Waste Discharge Requirements, October 2008*; and *Joint Technical Document, May 2008*) that describe and/or restrict the operation of the SCL, historic landslide deposits have been identified within the footprint of the landfill and when encountered shall be removed. Similarly, Condition of Approval MRMP-8 states:

"When excavating for the landfill operation, if a landslide is encountered, all material constituting that landslide shall be removed. Excess landslide material not used immediately for cover material shall be stockpiled onsite for future use. If necessary, the landslide area shall be excavated a portion at a time to avoid opening large sections of potentially unstable material. A buffer area shall be maintained between the active landfill cells receiving waste and areas under excavation to remove overburden soils, landslide debris, and weathered bedrock. A qualified geologist shall delineate the limits of the landslide during excavation. Landslide removal shall not commence when the ground is saturated, unless removed under the direction and specifications of a certified engineering geologist."

Observations

After a brief meeting introducing the personnel and agencies concerned, C2 REM's CEG and PE conducted a visual examination of the cracks in the descending slope to the southeast of the LCTF. C2 REM's personnel also reviewed all technical drawings presented by Mr. Mehrazarin, which included published geologic maps and cross sections.

C2 REM's personnel observed the ongoing grading activities at the toe of the slope below the LCTF which is within and toward the head or upper part of an ancient landslide complex (ALC). Accepted grading practices for landslide removal call for the head of the slide to be removed first in order to decrease or remove the driving force of the landslide mass. C2 REM also observed that the front or toe of the ALC is buttressed by competent material thereby effectively blocking the potential path of the ALC.

The LCTF is located in the central portion of the SCL and sits atop a hill left in place during the on-going excavation and grading activities until such a time that it can be relocated. It is our understanding based upon our discussions with Mr. Mehrazarin and SCL personnel, that the process of relocating the LCTF is underway and the hill that provides its location will subsequently be removed in its entirety in the near future as part of Cell CC-II construction.

It was reported to C2 REM that within the last few weeks, construction of a temporary slope began southeast of and below the LCTF. This temporary slope is approximately in the location of the head of the identified ALC and what are visible as cracks within this temporary slope are a common feature when the head of a landslide is exposed (the soil above is removed). This temporary slope is being cut/graded at a typical County of LA specification of 2:1 (horizontal to vertical) and even gentler (less of an angle) 3:1 (horizontal to vertical) configuration. Grading of this slope and adjoining area is constantly monitored (surveyed) to ensure proper slope angles and soil quantities are achieved.

Mr. Mehrazarin's team has also installed and is monitoring slope inclinometers in this area. This type of instrumentation allows near real-time data and the ability to determine the nature and extent of movement and thereby potential danger posed by the stability of the temporary slope.

In addition to the constant monitoring of the slope, Mr. Mehrazarin reported that the cracks and downslope movement of soil are also constantly monitored (surveyed). C2 REM observed the cracks and found them to vary in width from fractions of an inch to several inches, lengths varied from inches to tens of feet, and the depths varied from inches to a few feet (see Figure 2.0). According to the EIR, this cracking began at least as early as 1952 and most likely ongoing for the last 20,000 years.

It was also reported to C2 REM that the dirt access road to the south and west of the LCTF was recently relocated further west in order to avoid any potential instability of the ancient landslide complex. It is our understanding that this road will also be removed in its entirety prior to Cell CC-II completion. Mr. Mehrazarin indicated that in this area of the relocated access road to the south and west of the LCTF, temporary buttresses were constructed in order to impede or stop any natural downslope movement of soil.

Conclusions

A visit to the SCL on any day during the on-going grading activities for a new cell construction, offers a single moment, or an extremely brief snapshot in time, of the complex ongoing active landfill activities. Any active landfill operation is a dynamic operation that easily changes appearances from day to day. The area of concern is a work-in-progress within an ongoing excavation and grading operation on a massive scale. Based upon the applicable documents that describe and/or restrict the operation of the SCL, the discovery and planned removal of the ALC was anticipated. It was confirmed by Mr. Mehrazarin to C2 REM, that the ALC will be completely removed and therefore mitigates the danger to SCL personnel and potential danger to the surrounding community which may be caused by this ALC.

The visible cracks in this one temporary slope are a temporary and anticipated condition which serves to confirm earlier studies that suggest an ALC is present in this area. In addition, the ALC is blocked (buttressed) at its front, and the force driving the ALC (causing it to move down canyon) is in the process of being removed. This combination of a buttress at the front or toe of the ALC with the ongoing "unloading" of the head or upper portion of the ALC is an industry standard in mitigating the potential threat of landslides. The current visible cracks in the

temporary slope below the LCTF pose no foreseeable risk to the general public and limited risk to the onsite SCL personnel.

The LCTF sits atop an ALC identified in applicable background literature and documents. The LCTF hill was investigated and analyzed for stability by licensed Engineers and Geologists and was approved for this temporary facility. The apparent southeast direction of creep movement of this ALC is consistent with regional bedding of the geologic formation (Towsley Formation) in the area.

The cracks observed in the slope below the LCTF are of a typical tension-type, which is indicative of downslope movement of the native soil material. These cracks (and hence the mobile material) are not deep-seated and are of a surficial nature, that is, the soil that is “sliding” is confined to the upper few feet. It is important to note that cracking in this area has been noted as far back as published data indicates. In fact, this ALC containing the LTF has been radiocarbon dated to be approximately 20,000 years old. In other words, this ancient landslide complex has been moving and will continue to slowly move under the influence of gravity. This movement is of a creeping nature, which simply means it is moving slowly over time.

C2 REM conducted an independent review of maps and reports available to the public including those published by the California Geological Survey (CGS) and the United States Geological Survey (USGS) which confirmed Mr. Mehrazarin’s reports of this area (the SCL) which show landslide complexes are common to this area.

The instrumentation utilized (slope inclinometers) by A-Mehr allow for Engineers and Geologists to obtain nearly real-time data on any potential soil movement and also assist in identifying any planes of weakness (i.e., landslide surfaces). C2 REM personnel did not have the opportunity to review the data collected by these instruments but was advised that the monitoring and analysis thereof is ongoing.

The relocation of the dirt access road decreased the amount of heavy vehicular traffic near the head of the ALC, thereby reducing vibrations which may accelerate downslope movement of soil.

Continued monitoring of the work and site conditions by professionals is required to ensure the ongoing maintenance of safe working conditions for contractors and employees of the landfill as well as the neighboring communities.


Recommendations

As requested, C2 REM has provided the following recommendations regarding ongoing excavation and grading activities within the area of interest at the SCL:

- Continue regular and frequent (daily) observation of the temporary slope conditions noting rate of movement and formation of any new cracks.
- Prohibit heavy equipment to operate in the LCTF area until such time that excavation of this area can begin.
- Limit personnel and equipment at the toe of the temporary slope below the LCTF to those only absolutely necessary.
- If possible, accelerate the schedule of LCTF relocation and associated temporary slope excavation to include the majority of the excavation to be completed before the 2010-2011 rainy season.
- If accelerated scheduling is not feasible, then install slope inclinometers at the top of the temporary slope followed by daily monitoring. Additionally, as stated in the "Condition of Approval" avoid grading in the landslide area when the ground is saturated, unless under continuous direction of a Certified Engineering Geologist.
- If the temporary slope is to remain in its present configuration well into the 2010-2011 rainy seasons then consideration of a temporary buttress fill at the toe of the temporary slope should be considered.
- If equipment and personnel must occupy the area below the temporary slope exhibiting cracks, then constant monitoring of the slope above the personnel is essential. For example, monitoring can be accomplished by utilization of spotters to watch the slope, the continuation of frequent surveying, and continuous observation by qualified Engineers/Geologists.
- Maintain oversight by licensed Geologists/Engineers to ensure that the slide surface has been removed and the excavation is followed according to the approved project specifications.
- Provide slope stability analyses performed for interim cut slopes in the landslide removal area and field daily report and monitoring information for C2 REM review.

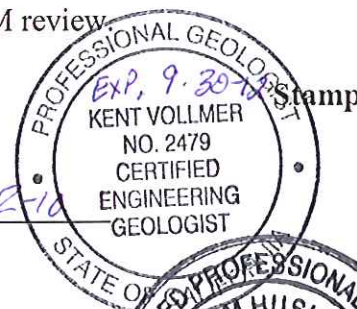
**Certified Eng. Geologist
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AREA OF INTEREST

FIGURE 1.0
SUNSHINE CANYON
SITE MAP

SYLMAR, CALIFORNIA

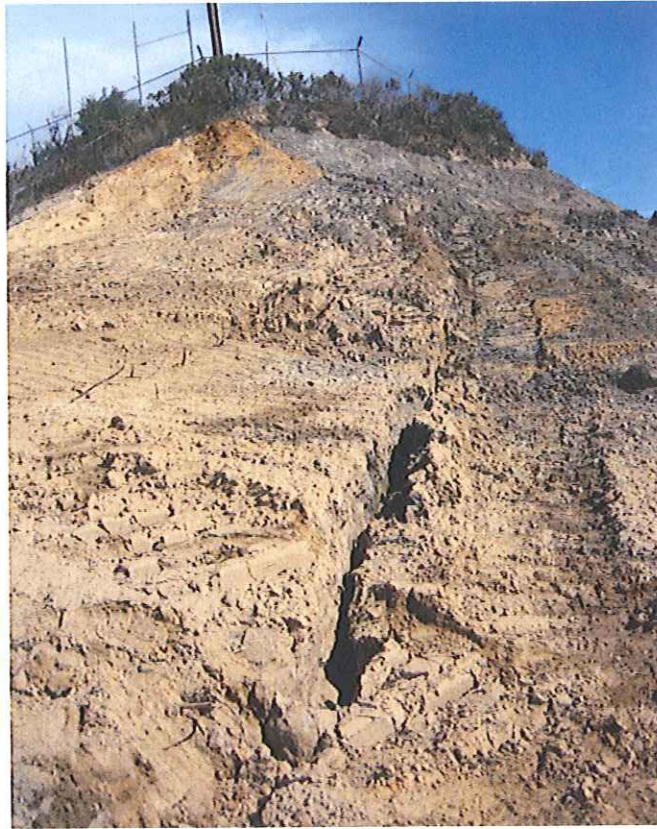


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Figure 2.0



October 28, 2010 – North view of tension crack within ancient landslide deposits along temporary slope south of LCTF.



October 28, 2010 – South view of current grading operations below LCTF; excavation will intercept and remove all landslide material.

Figure 2.0



October 28, 2010 – East view of cracks within landslide deposits along temporary slope south of LCTF.



October 28, 2010 – East view of cracks within landslide deposits along temporary slope south of LCTF.